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The CHEMIST AND DRUGGIST

RETAILER - WHOLESALE - MANUFACTURER

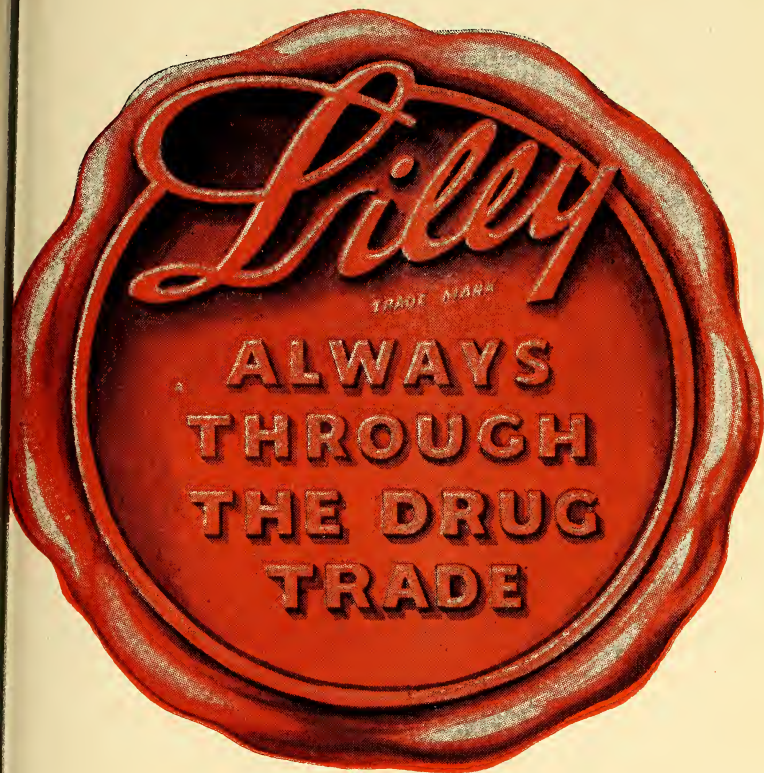
1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

MAY 25, 1946

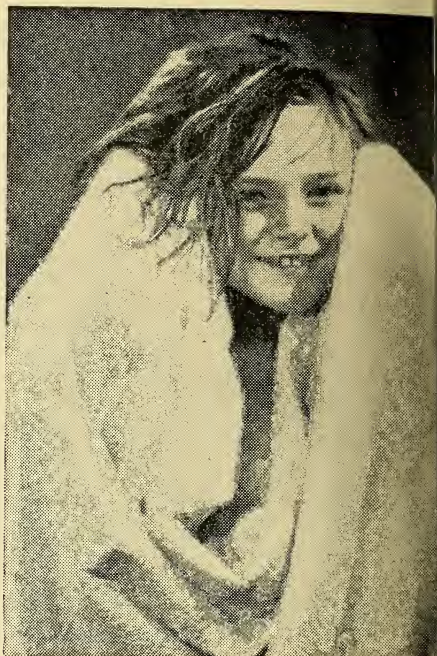
Annual Subscription (with
Diary) 25/-. Single copies 9d.



For more than sixty years it has been the Lilly Policy to make products of the highest quality—to improve old products and create new ones to meet the changing needs of the medical profession, and to distribute these products only through professional channels

LI LILLY AND COMPANY LIMITED
BASINGSTOKE, HANTS

Wright's
is the 'rule
for the
Toilet and
Nursery
because . . .



Wright's Coal Tar Soap contains the active principle *Liquor Carbonis Detergens*. This unique phenolic extract is compounded from the antiseptic and antipruritic substances known to be in Coal Tar. In the 80 years since its introduction, Wright's *Liquor Carbonis Detergens* has been accepted by foremost dermatologists as a valuable medicament in the treatment of skin diseases. Improved methods of manufacture, helped by research, today make *Liquor Carbonis Detergens* a better product both in appearance and antiseptic value.

This preparation establishes Wright's as the safe soap for everyday Toilet and Nursery use, soothing to the tenderest skin.



CRESANTOL-15

*The Germicide
for Modern
Antiseptic Fluids*

AVAILABILITY

Ample Supplies for Chlorinated Xylenol Antiseptic Fluids.

ACTIVITY

Phenol Coefficient exceeds that of P.C.M.X. (Chloroxylenol B.P.)

ECONOMY

Cresantol-15 is substantially cheaper than P.C.M.X.

FORMULATION

Cresantol-15 is a liquid, and can readily be dissolved in soap solution, either alone or blended with an alcoholic solution of essential oils.

Monsanto
CHEMICALS LIMITED

VICTORIA STATION HOUSE, LONDON, S.W.1

M2603

A



"LOOKING ON THE BRIGHT SIDE"

6,000,000 PAIRS OF INTERESTED EYES

are seeing, between January and October, 1946, the 'BiSoDoL' film, "*Looking on the Bright Side*", in over 600 Odeon and G-B cinemas throughout Gt. Britain. Many of these cinema-goers are potential buyers of 'BiSoDoL'—and may well become *your* customers, if you will

co-operate by making 'tie-up' displays of the product during and following the film-showing in your *local* cinema. 'Cash-in' on this advertisement by looking to your stocks and ensuring that these 'interested eyes' KNOW YOU have 'BiSoDoL' Powder and

A FEW OF THE CINEMAS BOOKED

Wk. Com. May 27		Wk. Com. June 17	
BARNET	Odeon	BECKENHAM	Odeon
BOGNOR REGIS	Odeon	BIRMINGHAM	Odeon, Gaumont, W
CHELMSFORD	Ritz	Warley	Gaumont,
HIGH BARNET	Cinema	BROMLEY	HAYES (Kent)
LEEDS	Assembly, Gaumont,	PORTSMOUTH	Odeon,
	Majestic, Odeon, Pavilion, Scala.	Cosham	Odeon
LONDON	Astoria	SOUTHSEA	Odeon
Brixton	Astoria		
Streatham	Regal		
West Norwood	Palladium		
PAIGNTON	Odeon		
TORQUAY			
Wk. Com. June 3		Wk. Com. June 24	
BELLSHILL	Picture Th.	BURNAGE	Villa
BLETCHLEY	County	HANDSWORTH	Odeon,
COATBRIDGE	Odeon, B.B. Pic. Hse.	HINCKLEY	KINGSTANDING
HAMILTON	La Scala, Odeon	MIDDLESBROUGH	Gaumont, Odeon, Hippo
HIGH WYCOMBE	Odeon	PERRY BAR	SALE
HORSHAM	Odeon	SHIRLEY	
Wk. Com. June 10		Wk. Com. June 24	
LONDON			
Balham	Odeon, Pavilion		
Clapham	Majestic		
Wandsworth	Palace		
MARLOW	Odeon		
MOTHERWELL	Odeon, Pavilion		
SLOUGH	Ambassador		
WISHAW	Cinema		
BARNSTAPLE	Gaumont		
BOLTON	Odeon		
CARDIFF	Capitol, Empire, Odeon		
GATESHEAD-ON-TYNE	Palace, Regal, Scala		
LONDON			
Highbury	Picture Th.		
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BiSoDoL

(REGD.)

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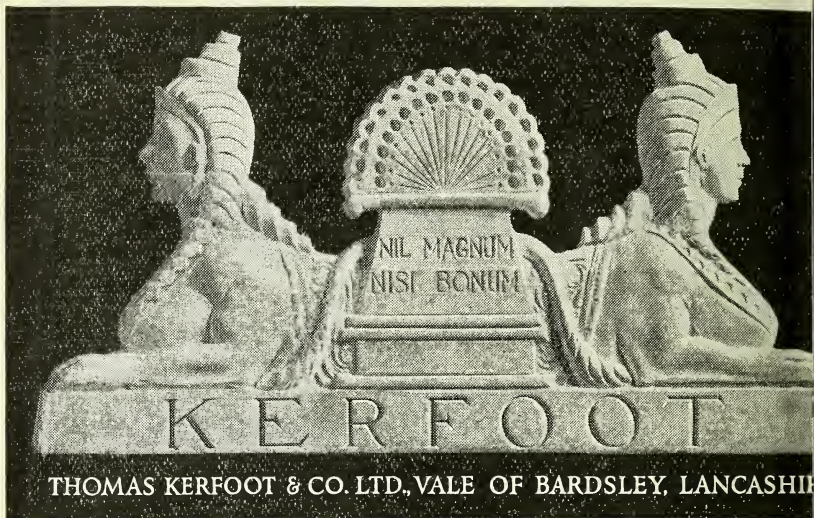
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one is Nikethamide of the B.P. indicated in all forms of respiratory or cardiac insufficiency: for use in surgical and obstetric shock, following submersion, electric orotic poisoning; and cardiac and respiratory insufficiency due to pneumonia, influenza, and other infections.

Issue: in ampoules of a 25 per cent solution for intravenous, intramuscular or subcutaneous injection (Injection of Nikethamide B.P.) and in solution for oral administration.

one is advertised to the medical profession, and pharmacists will be well advised to keep an adequate stock.



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 Wholesale per box 40/-
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Press Publicity • Profits to Chemists

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GYEN

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Tablets.

1/6

TRADE TERMS
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Also :—

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Now in Ample Supply 'REDOXON' VITAMIN C

As a prophylactic measure vitamin C is given in daily doses of 25 mg. to 75 mg. For therapeutic use larger doses are prescribed.

'Redoxon' is available in ample supplies to meet normal seasonal demands. Increasingly prescribed during pregnancy and lactation; in convalescence after debilitating diseases and to promote wound healing after operations. Given to children of all ages against defects of nutrition.

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Ampoules, 100 mg. & 500 mg.

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'Synkavit' ampoules are suitable for intravenous as well as intramuscular injection.

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Postage Paid on orders for 3 doz.



BRITISH PATENT No. 532906

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MOSQUITO - - - - - 10d. ea

including Purchase Tax

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Manufacturing Chemists

Established 18



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Your friend for more than 50 years, BOX'S PILLS carry on the good work of helping the public's digestion through difficult times.

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DR. NIBLETT'S VITAL RENEWER NERVE SEDATIVE

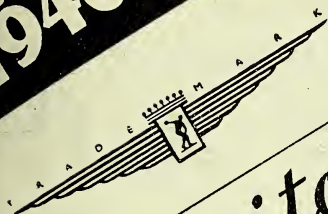
TRADE TERMS—33½% to Chemists through your Wholesaler.

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Please Note

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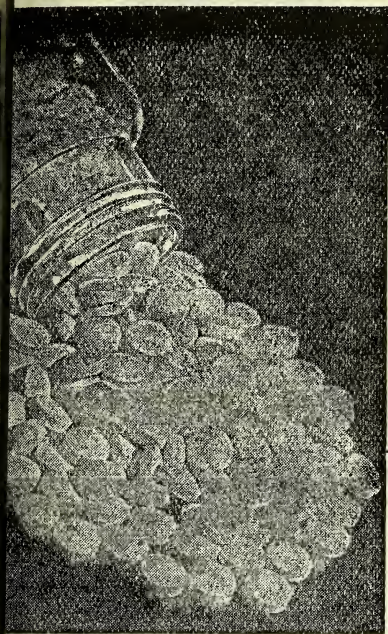
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depends our reputation*

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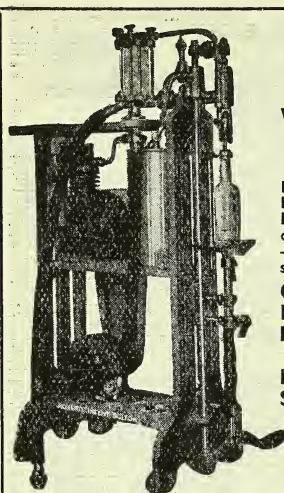


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Fills all sizes of bottles with Liquids from drachm to quart—long, short or sprinkler neck.

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This exceptional antibiotic has demonstrated its effectiveness in the treatment of superficial indolent ulcers, abscesses of the skin, and soft tissues, chronic purulent otitis media, mastoiditis, empyema, and certain types of wound infections.

Tyrothricin is used in various strengths, but is commonly employed as an isotonic solution containing 0.5 mg. per cc. by instillation, irrigation or wet dressing. It may be instilled into various body cavities not connected with the blood stream (such as paranasal sinuses, urinary bladder and pleural cavity). It is not indicated for parenteral injection or for oral use.

Tyrothricin Concentrate, Sharp & Dohme, is supplied as follows: Package containing 1 cc. ampoule of a concentrated solution of Tyrothricin, 25 mg. per cc. and a vial containing 49 cc. of pyrogen-free, sterile, distilled water for diluting the concentrate before use. Also supplied in 20 cc. vials of a concentrated solution of Tyrothricin, 25 mg. per cc. Sharp & Dohme, Ltd., Hoddesdon, Herts.

TYROTHRIN concentrate

Sharp
& Dohme

Laboratory Precision

FOR over thirty years, through the disruption of two world-wide wars, Laboratory-tested formulae and Laboratory-checked manufacturing processes have ensured the high standards of therapeutic efficacy of all I.C.C. products.

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P.A.T.A.



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G.P. MARK

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A MESSAGE TO COSMETIC BUYERS

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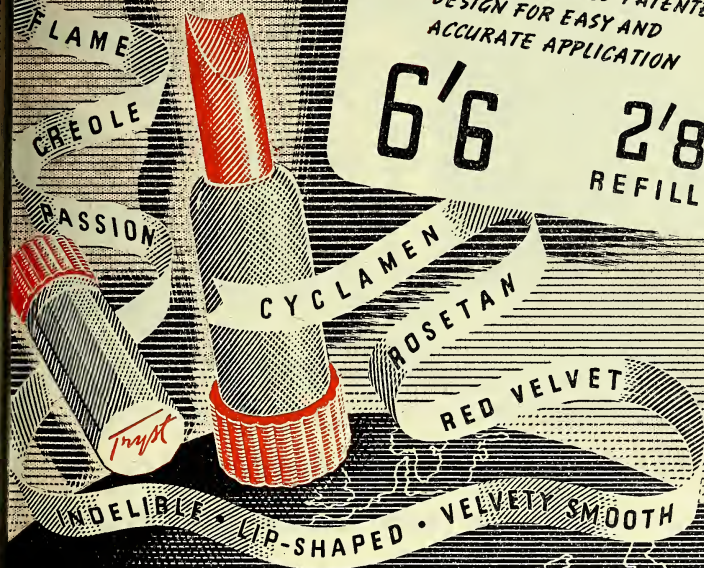
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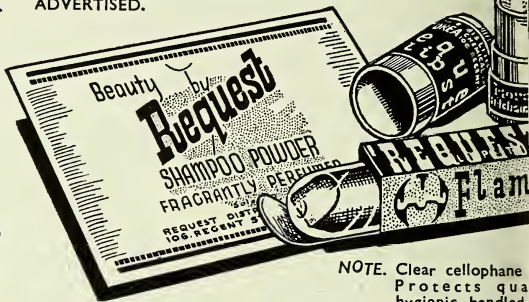


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NEWS OF THE WEEK

Penicillin Injectable Preparations.—The Ministry of Health and the Department of Health for Scotland advise that in connection with the dispensing of N.H.I. preparations for injectable preparations of penicillin it has been decided to amend the service for insurance chemists by providing that a chemist shall not dispense N.H.I. prescription requiring the manufacture of a solution of penicillin for a subcutaneous injection unless he holds a licence under the Therapeutic Substances Act.

Storage of Penicillin.—A notice from the Ministry of Supply states that the penicillin introduced in the United Kingdom is of such potency and of such other characteristics that it can be stored satisfactorily for twelve months under cool dry conditions at a temperature not exceeding 60°F.). A dry cellar is suitable for storage. If readily available, refrigeration should still be generally used. Various preparations, such as lozenges and tablets made with a greasy base,

may be stored in a similar manner; patients should be advised accordingly. Refrigerated storage is necessary for aqueous preparations such as creams. Patients should be advised to keep penicillin creams in a cool place, under which conditions they may be regarded as effective for one week. Solutions for injection should be used within forty-eight hours of preparation and, while awaiting use, should be stored at a temperature not exceeding 4°C. (40°F.).

Amendments to Pharmacopœia.—Easton's syrup and ipecacuanha are subjects of alterations issued recently by the British Pharmacopœia Commission. The amendment to the British Pharmacopœia, 1932, contained in the Sixth Addendum, which authorises the dispensing of syrupus ferri phosphatis cum strychnina when syrupus ferri phosphatis cum quinina et strychnina is prescribed (pp. 26-28) is annulled. For ipecacuanha the dried root or rhizome of *Cephaelis acuminata* Karsten, known in commerce as Cartagena, Nicaragua or

Panama ipecacuanha, may be used as an alternative to the dried root of *Cephaelis Ipecacuanha* (Brot.) A. Rich. Ipecacuanha contains not less than 2 per cent. of the total alkaloids of ipecacuanha, calculated as emetine, but the requirement of a definite proportion of non-phenolic alkaloids is deleted. The amended monograph on ipecacuanha pulverata states that the preparation contains 2 per cent. of the total alkaloids of ipecacuanha, calculated as emetine (limits 1.9 to 2.1), but the requirement of a definite proportion of non-phenolic alkaloids is deleted.

Heriot-Watt College.—The Governors of the Heriot-Watt College, Edinburgh, are considering a request from the Pharmaceutical Society to provide an independent department of pharmacy in the college. The department, if inaugurated, would give scope for research into the development of new drugs.

National Chamber of Trade.—Sir Walter Womersley, in his presidential address at the National Chamber of Trade Conference in Scarborough recently, stated that the distributive trades had no wish to undergo nationalisation which, he said, would concentrate distribution into fewer and larger units to the public disadvantage.

Glamorgan Founder Members Honoured.—Messrs. J. H. Kent and J. Rees, founder members of the West Glamorgan Branch of the Pharmaceutical Society, were made life vice-presidents at the annual meeting of the Branch recently, in recognition of their services. Officers elected at the meeting were: *President*, Mr. G. A. Lloyd; *Treasurer*, Mr. W. A. Mill; *Secretary*, Mr. F. James.

N.H.S. Payment Resolution.—A resolution that the National Pharmaceutical Union's scale of prices should be used as the basis on which to negotiate payment to pharmacists under the National Health Service was carried unanimously at a meeting of the Derby Branch of the Pharmaceutical Society held recently. Members urged the co-operation of all pharmacists for maintaining an efficient dispensing service.

More Combs.—The output of combs has grown rapidly from a total of 52.6 millions in 1944 to a figure equivalent to 89.9 millions annually in the fourth quarter of 1945. At the same time the proportion exported rose from 23 per cent. to 28 per cent. By the end of 1945 numbers produced were three and a half times and

exports were five times the 1935 figures. The expansion is due to the spread of injection moulding methods.

Birkenhead Outing.—A visit of over fifty members and friends to the establishment of Evans Medical Supplies Ltd., Speke, Liverpool, recently, was the first post-war outing organised by the Birkenhead Pharmacists' Association. The party, which was in the charge of Mr. C. H. Crawshaw (president) and Mr. G. Collins (secretary) was welcomed on arrival by Messrs. C. E. J. Sendall and C. T. Davenport. (Picture on opposite page.)

1941 Health Records.—In spite of the conditions due to constant air raids, the incidence of infective diseases in 1941 showed on the whole a slight improvement over that of the previous year, according to an official report recently issued. The mortality rate for pneumonia of 619 per 100,000 (with the exception of 1939) was the lowest ever recorded. Decreases are also shown in the mortality rates for whooping cough, diphtheria, scarlet fever, and cancer.

Taunton Rota Approved.—The Somerset Dispensing Committee approved proposals for a dispensing rota submitted by the Taunton Pharmacists' Association. The system, which is to be operated from October 26, provides for two chemists on week-days to remain open until 6.30 p.m., while others close at 6.30 p.m. On Saturdays and Bank Holidays one chemist only will provide the dispensing service, but for two and a half hours against the one hour required at present.

Carnarvonshire Officers.—At the annual meeting of the Anglesey, North Carnarvonshire and Colwyn Bay Branch of the Pharmaceutical Society held recently, the following officers were appointed: *President*, Mr. T. N. Dixon; *Vice-president*, Mr. W. J. Owen; *Treasurer*, Mr. J. Hughes; and *Secretary*, Mr. H. Nevill. A discussion on the National Health Service members expressed the hope that full information would be supplied to branches on all payment negotiations before any terms were accepted.

Private Traders and Town Planning.—At the annual conference of the Independent Traders' Alliance, held at Cheltenham recently, the chairman warned private traders that "one threat to their survival was the proposed restrictions of town planning schemes." He urged private traders to "band themselves together to resist such schemes."

to ensure their being given a fair opportunity to continue to serve the public." Speakers said that there were too shops and urged small traders to set up a system of licensing which would shopkeeping a close preserve.

Newcastle's Jubilee Meeting.—Mr. G. F. M.P.S., the first secretary of the Newcastle Chemists' Association, and later manufacturer of surgical catgut in Warrington, was present at the Association's annual meeting recently. Later, Mr. J. S. S. reported on the Joint Representatives' meeting on the National Service Bill. At the annual meeting of the Branch of the Pharmaceutical Society, held on the same evening, the following officers were elected: *President*, Mr. B. Watkins; *Vice-president*, Mr. J. S. S.; *Treasurer*, Mr. J. Ridley; *Secretary*, Mr. C. Lonsdale.

Industrial Information Conference.—Mr. J. H. Merrick, M.P.S. (Evans Medical Supplies, Ltd.) was question-master at a trust during a conference on industrial information services organised by the Association of Special Libraries and Information Bureaux (Aslib) in Manchester recently. Papers were read on the functions of industrial information services and on the significance of Aslib in locating sources of information. A northern branch of Aslib is planned. As an alternative to the trust a visit was arranged to the works of Imperial Chemical Industries, Chemicals Division, Blackley.

Penicillin Factory in Scotland.—Factory premises have been acquired at Ardrossan, Nairnshire, for the production of penicillin. This is an alternative to one at Hilling-

don originally chosen by the Heyden Chemical Corporation, New York, but later found to be too small. About 350 people will be employed when the factory opens, but it is planned to increase this number ultimately to 1,000. A British company, with four British and three United States directors, is to operate the plant. Much of the necessary machinery is available in this country, but other machinery will be imported from the United States.

Birmingham Golf.—Pre-war activities of the golf section of the Birmingham Pharmaceutical Association were resumed recently when a medal competition was played at Walmley. A tankard, given by Mr. F. L. Dent, was won by Mr. R. O. Busby, with 64. After tea Mr. F. A. Gunn (president) presented trophies to the winners as follows: Burgoyne cup, Mr. J. L. Sloan, 74; Coty cup, Mr. T. H. Martin, 75; Potter & Moore cup, Mr. D. A. Wight, 76; Southall cup, Mr. J. Frost, 72; Andrews salver, Mr. F. Tompkinson, 76; Ucal cup, Mr. E. E. Jones, 78; R. Spargo prize, Mr. R. Gibbs, 78; Cuxson bowl, Mr. J. L. Sloan, 77. Ladies: S. V. Sorge prize, Mrs. Dunnett, 79; Captain's prize, Mrs. Tease, 82; Southall replica, Mrs. Nix, 74. The secretary of the golf section is Mr. Fred Green, 15 Clive Street, West Bromwich.

Refrigerators for Penicillin?—The Leeds Branch of the Pharmaceutical Society, at its twenty-third annual meeting recently, decided unanimously to ask the Council of the Society if provision could be made, in conjunction with the National Pharmaceutical Union, to facilitate the purchase of small refrigerators by retail chemists for penicillin preparations. Mr. H. F. Kemp



HEAD CHEMISTS AT SPEKE.—Group photographed during a visit of the Birkenhead Branch of the Pharmaceutical Society to the new Speke premises of Evans Medical Supplies, Ltd., on May 16.

said he was not sure a refrigerator would be necessary or whether the nature of the preparations might be such—mainly ointments—that a steriliser would meet requirements. Miss Abbott (pharmacist, Clayton Hospital, Wakefield), in reply to a question as to whether a refrigerator was necessary in each pharmacy, said that she was not prepared to give a definite answer at the moment but considered that in her particular work the refrigerator was sometimes essential. Officers elected for the coming year were: *Chairman*, Mr. M. Jackson; *Vice-chairman and Chairman-elect*, Mr. G. C. Crummack; *Treasurer*, Mr. P. Dobson; *Secretary*, Mr. J. Schofield. Mr. H. Hodgson, a former chairman, was elected to honorary membership of the council. Mr. Crummack had recently retired from secretaryship after seventeen years' service in the post.

Relaxations of Export Controls.—Further relaxations of export controls are made by a new Board of Trade Order (S.R. & O. 1946, No. 667) which came into operation on May 23. Among the goods which will not require export licences as from that date are surgical instruments and a number of chemical products. Supply considerations have rendered it necessary to impose export licensing control on zinc oxide (including leaded zinc oxide) and di-iodohydroxyquinoline and export licences will be required in respect of these goods as from May 23. The goods affected by this Order are: Additions to the schedule of goods requiring export licences (Group 13) di-iodohydroxyquinoline and zinc oxide (including leaded zinc oxide); removals and modifications, (Group 1) the item "yeast, whether dead or live, extracts from yeast and edible preparations made from yeast" has been deleted and the words "yeast, whether dead or live" substituted. The Order frees from export licensing control baking powder and mustard, other than mustard seed. The item "surgical instruments" has been deleted from group 12 (1). The following items have been deleted from group 13: "Codeine preparations and preparations of codeine salts; nux vomica; physostigmine and its salts; platinum compounds; sulphaguanidine and its preparations." The following items have been amended as shown: "citric acid and its salts" to "citric acid and citrates of inorganic bases"; "hydrastis and its preparations" to "hydrastis"; "liver extracts and preparations thereof" to "liver extracts"; "pituitary gland and its extracts" to "pituitary gland, posterior lobe, and its

extracts"; "tartaric acid and its salts excluding morphine tartrate" to "tartaric acid and tartrates of inorganic bases"; "theophylline and its compound preparations thereof" to "theophylline and its compounds." Exporters will, of course, appreciate that the above refers only to export licensing requirements and does not in any way affect any regulations which may be in force governing the manufacture, acquisition and disposal of goods, including manufacture, acquisition and disposal for export.

IRISH NEWS

Former President's Portrait.—The portrait of Mr. C. Cremen (a former president of the Pharmaceutical Society of Ireland) by Mr. Sean Keating, R.H.A., was a painting shown at the Royal Hibernian Academy Exhibition in Dublin recently.

New Eire Factory.—Aspro, Ltd., form an Irish company, known as (Ireland) Ltd., and establish a new factory on a 7½-acre site that has been purchased on New Naas Road, nr. Inchicore, I. The factory will be one of the most modern in Ireland. Mr. C. W. C. (manager in Ireland for the past ten years) will become managing director, and the new company will be financed mainly by Irish capital.

N.I. Health Services.—First steps in the reform of public health services in Northern Ireland were announced by the Minister of Health in the Northern Ireland Parliament recently. Boards of Guardians are to be abolished; county and county borough health and welfare authorities are to be provided, and these will operate through statutory committees. Appointment of medical officers of health and county borough officers.

Dublin and Cork Lectures.—Mr. Roche (vice-president of the Irish Pharmaceutical Association) presided over the meeting in Dublin recently when a lecture was given by Dr. F. Wrigley (clinical research director, Roche Products, Ltd.) on "Vitamin K." Dr. Wrigley covered the history, chemistry, and use of vitamin K, the relative values of vitamin K analogues. Sound films were projected, dealing with vitamin C and vitamin D, and a silent film showed the newer muscular diseases induced in rats by vitamin E deficiency. A similar lecture was given later to the Guild of Pharmacists.

TOPICAL REFLECTIONS

The Date of the Conference

Criticism of the date selected for this meeting of the British Pharmaceutical Conference (July 16 and 17) can well be made without full knowledge of the circumstances that influenced the Executive's selection. It is to be hoped, however, that a return to a more extended Conference programme becomes possible, a complete break will be made with the practice of choosing a week in July for this event. As a matter of fact, the earliest meetings of the Conference, in the 'sixties, were held in September. Eventually it became usual to fix the last week of July as a normal date, with a later one when the gathering took place in Scotland. In recent years there have been a few exceptions—for instance, June 13-17 in 1921 at Scarborough, June 20-24 in 1927 at Brighton, and June 24-28 in 1935 at Belfast. The exceptions should have revealed to all concerned the superiority of June to July. My submission, made entirely on the ground of practical convenience, is that June or the first half of September should be the usual periods for the selection of Conference dates. Meteorological observers tell us that the hottest part of the year is in the middle of July; and August is notoriously a month of unpropitious weather. Assembling in semi-tropical heat in a great city for the discussion of scientific subjects involves unnecessary discomfort. I recall one instance in which, in a well-filled classroom of moderate size, the windows were shuttered for the greater part of half an hour on a stifling July afternoon in order that a Conference paper might be duly illustrated. The value of science rather in connexion with the social aspects of a Conference programme needs no emphasis; and the general experience is that greater satisfaction in this respect is likely in the periods I have mentioned than in June or August. Climatic conditions can do little to make or mar a conference.

Olive Oil Supplies

The paragraph on Palestinian and Tunisian oil production (p. 635) will be read with wistfulness by those of your generation who have seen little or no olive oil for several years. Increasing supplies of ingredients lead one to wonder whether there is any possibility of obtaining edible oil before the summer ends. Statistics are not to be dry, and are usually kept out of this section; but it may be as well to

put in perspective the production of the oil mentioned. From an article in your issue of February 18, 1939, I learn that in the years 1930-35 inclusive the exports (not the production) of olive oil for the twelve countries tabulated amounted to 24,193,000 cwt., plus a quantity too small to be reckoned. This is an annual average of about 4,032,000 cwt. United Kingdom imports for the same years were 1,260,000 cwt., an average of 210,000 cwt. The new estimate of production (not export) for Palestine works out at a total of about 250,000 cwt., with a much smaller amount for Tunisia. The probable or possible production of this oil in the exporting countries for the current year is of less interest than its destinations. The question is whether sufficient olive oil from any sources has been ordered for and is to be allowed into the United Kingdom. It must not be forgotten that the few figures I have quoted refer to many different grades of olive oil.

Galen's Olive Oils

To what extent, if any, have the physical characters of olive oil changed since classical times? The question arises from the fact that Galen recognised various kinds of this oil. According to him, "Sabine" olive oil was laxative but Spanish olive oil was astringent. In his "Methodus Medendi" he records a case of a patient who had been in the habit of using "that astringent oil, justly famous for its utility for other purposes, which they call Spanon (i.e., Spanish)." In another part of the same treatise he recommends as an astringent "such an oil as that called Spanon and all others made with olive leaves"; and in a third passage he directs his pupils to avoid in certain circumstances "the astringent Spanish and Istrian oil and that made with leaves or from still unripe olives." A perverse Continental scholiast has contended that "Spanon" is to be read as a Greek neuter adjective, meaning "rare"; but expert opinion is against him. How were these oils of Galen's day prepared? And were the differences to be explained on grounds of ecology, of genetics, of process or of more than one of these factors? In the "Geoponica," a compilation of rules and recipes made about the year 950, there is a process headed "To make oil like Spanish": that, however, does not take us very far. The date is nearly as distant from Galen's period as 1946 is from it.

Xrayser

INQUESTS

Overdose of Paraldehyde.—At Southgate, London, recently, a verdict of death by misadventure was returned upon a woman who died after taking an overdose of paraldehyde for sleeplessness.

Baby's Asphyxiation During Feed.—At Taunton, Somerset, recently, a verdict of asphyxia from accidental insufflation of the stomach contents associated with artificial feeding was returned by the coroner in an inquiry into the death of a four-and-a-half-months-old child.

Death under Anaesthetic.—A second administration of Pentothal after a first injection had revived the patient was stated to have caused the death at Herne Hill of a man on whom an operation for cancer was being carried out. A verdict of death by misadventure was returned.

Lysol and Aspirins.—A suicide verdict was the inevitable outcome at Thornton Heath, Surrey, recently, of an inquest on a woman who, in addition to swallowing nearly 100 aspirin tablets, was also found to have taken lysol. A police officer stated that a glass containing uncrushed aspirins and lysol was found near the body.

Chemist's Self-poisoning.—At an inquest at Woodford, Essex, recently on Thomas Riley, Avondale Court, a verdict of "suicide while the balance of the mind was disturbed" was returned. The widow of the pharmacist said that he had been depressed since he had bought the business. This "got him down" and he took poison (hydrocyanic acid) ten days after buying the business.

Student's Chloroform Death.—A verdict of death from accidental causes was recorded at Battersea, recently, on Ronald Henry Hunter, aged seventeen, a student who was found dead from acute chloroform poisoning. The coroner stated he was certain Hunter had no intention of taking his own life. It appeared he had been experimenting with a slight degree of narcosis, which, for some reason, he liked.

Three Hundred Aspirins.—At an inquest at Weston-super-Mare recently on a young man in the Merchant Navy, a verdict that death was due to respiratory failure, following an aspirin overdose, was returned, the coroner expressing himself as satisfied that the poison was self-administered while the balance of the mind was disturbed. Three aspirin bottles previously containing 100 aspirins each were found in a drawer of deceased's room.

Overdose of Chloral.—An investigation was carried out at Plymouth recently into the death from an overdose of chloral of a patient in a local maternity home. In the coroner's inquest, recording a verdict of accidental death, the coroner said it was clear that the case had not been exercised that should ordinarily be expected, and the overdose had resulted from the absence of suitable precautions. He considered it very necessary that on dangerous drugs should be in plain language, and that all doses should be checked before administration.

LEGAL REPORTS

Conspiracy Charge Withdrawn.—A charge of conspiracy arising from illegal transactions in photographic material, brought against thirteen defendants in Liverpool, Leeds and London, was withdrawn at a resumption of the hearing at Liverpool on May 13. A sum of reselling and a third of failing to furnish an invoice brought against I.P.A. (Manchester) Ltd., were also withdrawn. Defendants in the case were Solomon Levine, New Brighton; Hilda Hulme, Liverpool; Roderick Stanhope Webb, Liverpool; Hyman Zoltie, Caterk Road, Sheffield; Vectors (Portraiture), Provincial Studios, Ltd., and Rose V Ltd., all three of Leeds; William Smith, Glasgow; Stanley John Ganton, Knebworth, Herts; I.P.A., Manchester (1942), Ltd., London; and Clara Edwards, Ltd., London.

Pharmacy Act Fine.—At East Ham magistrate's court on May 17, the London Co-operative Society, Ltd., was summoned on two informations by the Pharmaceutical Society of Great Britain in respect of contraventions of the Pharmacy and Poisons Act, 1933. The first summons was for selling codeine in a preparation while an authorised seller of poisons; the second for selling it in a container not labelled in the prescribed manner. It was stated in addition to the ordinary business activities of the Society, a company was formed under the title of London Co-operative Chemists, Ltd., to run the Society's pharmacies. On March 12 a woman visited the branch at 1 High Street, East Ham, asked for a bottle of P.B. Baily, and was served by an unqualified girl. It was found that there was no chemist on the premises. The magistrate imposed a fine of £5 on the first summons and dismissed the second under the Pharmacy and Poisons Act, on payment of legal costs.

COMPANY NEWS

F. I. D. TAYLOR, LTD. (P.C.).—Capital £500. Chemists, druggists, etc. Ronald Taylor, director. R.O.: Lloyd Builings, Reform Street, Llandudno.

I. THOMAS CHEMISTS (CARDIFF), LTD. (P.C.).—Capital £5,000. Chemists, druggists, etc. Directors to be appointed. 178 Clare Road, Cardiff.

V. E. HUMPHREY (CLEETHORPES), LTD. (P.C.).—Capital £2,000. Chemists, druggists, etc. Ernest G. Cheetham, M.P.S., and Ernest S. Cheetham, directors. R.O.: 8 Seaview Street, Cleethorpes.

R. J. LINES, LTD. (P.C.).—Capital £1,500. Chemists, etc. Daniel F., and Gladys D. Burlingham, and Ernest R. Atkinson, M.P.S., directors. R.O.: Royal Pharmacy, Hunstanton, Norfolk.

S. TERGOOD (CHEMISTS), LTD. (P.C.).—Capital £5,000. Chemists, etc. Roy B. Scargood, M.P.S., and Joseph J. Wykes, directors. R.O.: 78 Southam Road, Hall Green, Birmingham.

T. STIN, LTD. (P.C.).—Capital £5,000. Manufacturing, wholesale and retail chemists, etc. Edward C. S., Peter C., and David S. Backhouse, and Charles F. Macken, directors. R.O.: 6 Corporation Street, Birmingham.

R. NICHOLSON, LTD. (P.C.).—Capital £1,000. To acquire the business of a chemist carried on by Herbert L. Clark at 140 Westerhills Road, Bradford. Raymond Nicholson, M.P.S., and Frances M. L. Nicholson, directors. R.O.: As above.

W. JAMES DAVIES (WESTERN), LTD. (P.C.).—Capital £2,000. Manufacturers of and dealers in chemicals, drugs, etc. William J. Davies, Walter Bennett, and Walter L. Thomas, directors. R.O.: 31 Queen Street, Cardiff.

F. BURY BOTTLE Co., LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in glass bottles, etc. Arthur J. Rea, William J. Fraser, and Arthur J. Rea, jun., directors. R.O.: 169 Hackney Road, London, E.2.

F. FIXIA TOILET REQUISITES, LTD. (P.C.).—Capital £2,000. Manufacturers of and dealers in toilet requisites, hair, face and shaving creams, fancy goods, etc. Particulars are similar to D. Thomas Chemists (Cardiff), Ltd. (above). R.O.: 12 Morgan Street, Pontypridd, Glam.

W. HUCKLEBRIDGE, LTD. (P.C.).—Capital £500. To acquire the business of a chemist and druggist carried on as W. Hucklebridge at Needham Market, Suffolk, and to adopt an agreement with Mary E. R. Houliston. Mary E. R. Houliston, director. R.O.: 52 High Street, Needham Market.

DURBINS CHEMISTS (RICHMOND), LTD. (P.C.).—Capital £1,000. To acquire the goodwill of the branch business of chemists carried on by Durbins Chemists (Surbiton), Ltd., at 38 Hill Street, Richmond, Surrey. Irwin G. Elford, Ph.C., director. R.O.: As above.

PICKIN & PARSONS, LTD. (P.C.).—Capital £2,000. To acquire the business now carried on by E. Moss, Ltd., at 83 Dedworth Road, Windsor, and to carry on the business of chemists, druggists, etc. George A., and Amelia R. Pickin, and John Parsons, directors. Solicitors: Durnford & Gale, 16 Sheet Street, Windsor.

BARNET YOUNG (CHEMISTS), LTD. (P.C.).—Capital £3,000. To acquire the business of a chemist and druggist carried on by Emily M. Smith as executor of the late Hugh F. Saunders, M.P.S., at 1 East Barnet Road, New Barnet. Emily M., and Lionel E. Smith, and Joseph Grayson, directors. R.O.: As above.

A. R. CROSS (SOUTHGATE), LTD. (P.C.).—Capital £3,000. To acquire two businesses of chemists lately carried on by T. C. Neville Booth, M.P.S., in Southgate, London, N. Arthur R. Cross, M.P.S., Doris E., and Douglas G. Cross, directors. R.O.: 476 Hertford Road, Enfield Highway.

BRITTON, MALCOLM & Co., LTD.—MR. WALTER STUMP has been appointed a director, after representing the company in West London for many years. [Corrected note].

KEMP THORNE, PROSSER & Co's. NEW ZEALAND DRUG Co., LTD.—Directors' report for the year ended January 31 gives the following figures: Unappropriated balance brought forward, £36,437; net profit for current year, £52,593; less interim dividend for half-year to July 31, 1945, at 3½ per cent., £22,775; leaving £66,255. Payment is recommended of a dividend of 4½ per cent., making 8 per cent. for the year; carry forward, £36,972. Mr. J. H. Meek and Dr. R. I. Ritchie (retiring directors), offer themselves for re-election.

BIRTH

MONKS.—At the Purey-Cust Nursing Home, York, on May 14, Margaret Joyce, the wife of Reginald Monks, Ph.C., 20 Tang Hall Lane, York, of a daughter.

MARRIAGES

HILL—McGUILL.—At Dundalk, recently, David J. Hill, M.P.S.I., Kilmacthomas, co. Waterford, to Franchea McGuill, Dundalk.

ROBERTS—THOMPSON.—On May 18, Rev. Thomas Ewart Roberts, Chaplain, R.N.V.R., to Surgeon-Lieutenant Barbara Kathleen Thompson, R.N.V.R., youngest daughter of Alderman Edwin Thompson, M.P.S. (Manesty Machines, Ltd.), Fulwood Park, Liverpool.

DEATHS

BRINDLE.—At 5 Merchiston Place, Edinburgh, on May 16, Edward Brindle, M.P.S., 190 Morrison Street, Edinburgh. Mr. Brindle qualified in 1886.

DANIELSON.—On May 11, Mr. A. J. S. Danielson, who represented Cupal, Ltd., Blackburn, in East Scotland and North-east England for some years. Mr. Danielson contracted a fatal illness whilst serving in the Royal Air Force, from which he was discharged on medical grounds about two years ago.

DICKINSON.—On May 10, Mr. Charles Dickinson, M.P.S., 119 South End, Croydon, aged eighty-three. A native of Lancaster, Mr. Dickinson was educated at the Lancaster Royal Grammar School, and served his apprenticeship with the late Mr. Joseph Winter, M.P.S., Llandudno. He qualified in 1890 and bought his brother's business at South End, Croydon. One of the founders of the Croydon Pharmacists' Association, he was secretary for fourteen years following its foundation and later held office as chairman, vice-chairman and treasurer. For the greater part of his business career he was secretary of the Croydon Pharmacists' Committee.

HYSLOP.—At Clachan, 8 Bearsden Road, Canniesburn, Glasgow, on May 8, Mrs. Christina MacDonald Menzies Hyslop, widow of the late Mr. Thomas Hyslop, M.P.S., 409 New City Road, Glasgow.

ILLINGWORTH.—On May 7, Mr. Harold Frederick Illingworth, M.P.S., 2 Grange Avenue, Harrogate, aged sixty-five.

LEMMON.—At 3 Hillview Road, Blackhall, Edinburgh, on April 26, Mrs. Isabella MacGregor Lemmon, wife of Mr. George Urquhart Lemmon, M.P.S.

PEARCE.—On May 8, Mr. Gilbert Francis Condon Pearce, M.P.S., 54 Lansdowne Road, Middlesbrough, aged seventy-seven.

WILLS

MR. WILLIAM HENRY QUARR. Brechin Place, London, S.W.7, Clements Lane, Lombard Street, solicitor to the Pharmaceutical Society since 1904 and an honorary member since 1943, left £139,308, with net personalty £121,865.

DR. THOMAS AUBREY, M.B., M.L.R.C.P., Westover, Bitton, formerly in practice at Bridgewater, Isleham, Cambs, left £27,804, with net personalty £26,281. He left, on the death of his wife, one-eighth should his estate exceed £8,000 to his dispenser, Mr. Summerhayes, or £1,000 if less.

PERSONALITIES

MR. BERNARD FREEMAN, F.B.O.A., 64 George Street, Altrincham, has been elected chairman of the chamber of trade.

ALDERMAN D. J. BAILEY, J.P., chairman of Blackpool Health Committee, has been appointed vice-chairman of Preston and Garstang Joint Hospital.

MR. A. E. BAILEY, pharmacist and assistant manager of the London Prescription Office, London Insurance Office, will be retiring at the end of the year. He has held the position since 1914.

PROFESSOR W. N. HAWORTH, Ph.D., F.R.S., Professor of Chemistry and director of the chemistry department at Birmingham University, is to receive an honorary degree from the University of Oslo, Norway.

MR. J. AUSTIN THOMAS, Church of England Minister, Orange Free State (a subscriber to THE CHEMIST AND DRUGGIST for the past fifty years) is at present on a business visit to this country. Mr. Thomas qualified as a chemist and druggist in Britain in 1895.

MR. J. FOSTER FRITH, who has been in the publishing staff of THE CHEMIST AND DRUGGIST, served a pharmaceutical apprenticeship with T. Ridley & Son, wholesale and retail chemists, Croydon, under the late Mr. Thomas Ridley, M.P.S. He qualified as a chemist and druggist in 1932 and has had experience in medical and pharmaceutical representation with a number of leading wholesalers.

TRADE NOTES

Urology Antiseptic Tablets.—Genatosan, Ltd., Loughborough, Leics, give, in an announcement in this issue, terms and conditions for Cystopurin tablets.

Cereal Food for Infants.—A. & R. Scott, West Mills, Colinton, Midlothian, announce, in a full-page announcement in this week's issue, a description of the food and uses of their M.O.F. cereal food for infants five months old and upwards.

Bookings.—Kolynos (Sales), Ltd., 111, Finsbury Street, London, W.1, estimate that 5,000,000 pairs of eyes will see, in January and October, the Bisodol advertisement "Looking on the Bright Side," which is being shown in over 600 Odeon and Independent British cinemas throughout Great Britain.

Easier Supply.—Although still in short supply, Juno-Junipah (the "woman's own salts") is stated by the makers, F. W. Jones, Ltd., 2 Caxton Street, London, S.W.1, to be gradually easing in supply. The company has planned for an increased production and the better output is now being put into operation.

Mid-gorge Lotion.—The following Scottish manufacturers have undertaken production of the Department of Health's mid-gorge lotion to a formula agreed by the Scottish Tourist Board:—Raines, Clark & Co., Ltd., Duncan, Flockhart & Co., J. R. Hatrick, Ltd., S.C.W.S. Ltd., Pure Drug Co., Ltd., J. F. Macfarlane & Co., Thomas Harley, Ltd., and T. & H. Smith, Ltd.

The Visitor from New Zealand.—Captain H. Gray, M.B.E., representative of the New Zealand Distributors, Ltd., Auckland, New Zealand, is on a visit to this country. Mr. Gray is interested in obtaining information on and discussing the possibilities of exporting to New Zealand chemists' sundries, rubber goods, chemists' glassware, etc. Any communication for him should be addressed to him at Mr. S. Dempster & Co., 45 Newhall Street, Birmingham.

Household Preparation.—Leda Chemicals, Ltd., Alpha Works, 94 Archway Road, London, N.19, have introduced Leda pine powder, in attractively printed tins. The preparation not only overcomes the bottle difficulty but presents to the public an entirely new type of pine preparation, claimed to be superior to the traditional liquid preparations which, the makers feel, may now become obsolete.

The powder contains, it is stated, an active non-poisonous germicide and antiseptic pine derivative, in a strongly detergent base. It is presented to the public as a free-running, fragrant powder, a little of which, when dissolved in water, gives a large volume of a fragrant pine solution for all household purposes. Alternatively, the powder itself may be used for lavatories, drains, sinks, baths, etc.

New British Toilet Water.—A new toilet water, Aqua Manda, has been introduced by Goya, 161 New Bond Street, London, W.1, as "a bid to capture for England the credit of taking the first real step forward in the history of toilet waters since eau de Cologne was discovered in Germany." The odour is "tropical sea breeze wafted gently through a grove of flowering orange blossom." The distinctive aroma of Aqua Manda is described as being "a new essential oil which had never before been produced." Of the plant yielding this oil twenty acres has been planted in Essex.

Proprietary Articles Trade Association

Additions to Protected List.—Miles Laboratories, Ltd., Alka-Seltzer, withdrawn from the protected list in 1941, will shortly be available again on the English market, at the following prices and terms: twelve tablets, 11s. 3d. doz., tax 1s. 10½d. doz., inclusive retail price, 1s. 5d.; thirty tablets, 22s. 6d. doz., tax 3s. 9d. doz., i.r.p. 2s. 10d. 5 per cent. display discount on two-doz. orders. 7½ per cent. display discount on four-doz. orders. Further 2½ per cent. for settlement on or before 10th of the month following.

Scram Products. Scram (rat and mouse destroyer) 1s., 8s. 6d. doz. (exempt from tax)

BUSINESS CHANGES

MR. JOSEPH A. KISSANE, M.P.S.I., has opened a pharmacy at Sea Road, Galway.

MISS MARGARET G. PARKINSON, M.P.S., has been appointed perfumery buyer to William McIlroy, Ltd., Oxford Road, Reading.

PHARMACEUTICAL DISTRIBUTORS (GLASGOW), LTD., 187 St. Vincent Street, Glasgow, C.2, have been appointed distributors in Scotland for Leda Chemicals, Ltd., 94 Archway Road, London, N.19.

CAPTAIN DENIS J. MALLAGH has joined Mallagh & Co., essential oils and chemical dealers, 163 High Road, Woodford Green, Essex, after serving for six and a half years with the Royal Scots. He is the son of Mr. T. H. Mallagh, M.P.S., a partner in the firm.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

A NUMBER of amendments dealing with the optical provisions of the National Health Service Bill have been tabled by Dr. Clitherow, Mr. Linstead and other members of the Standing Committee. One amendment seeks to secure the provision of general ophthalmic optical services by optical practitioners at health centres. Another seeks to add two optical practitioners to the membership of the Central Council, increasing it to forty-three.

The Health Bill in Committee

In Committee on the National Health Service Bill on May 15, MR. WILLINK moved an amendment to provide that the standing advisory committees should advise the Central Council, and not the Minister and Central Council, as provided by that portion of the Bill dealing with central administration. He said the amendment was moved in an "inquisitive" rather than an accusing mood. The Opposition would like an assurance from the Minister on his intentions. By this section of the Bill the Minister had the power to constitute standing advisory committees, and had given in the White Paper an indication of the draft of those committees.

MR. ANEURIN BEVAN: There is no danger of any divergent lines of activities. I can also give the assurance that, although in urgent circumstances it may be necessary for the Minister to act on the advice of a standing committee, nevertheless that report will be made known to the Central Council and, in fact, will form part of the Central Council's annual report.

The amendment was withdrawn.

On May 16, COLONEL STODDART-SCOTT moved an amendment that, when the Minister was providing services, he should, in addition to specialists, also provide consultants. MR. KEY (Parliamentary Secretary) replied that there was no definition of the word "specialist," and it would be left to regulations to decide the qualifications of people who were to serve in that way.

MR. LINSTAED said the word "specialist" was being used in the Bill in two separate senses. In Clause 3 there was a reference to the services of specialists, and it was clearly intended to cover a very large number of services, of which he would quote the optical service as one and the radiological service as another, which were special in the sense that they were the work

of trained people, who nevertheless were specialists in the sense in which the "consultants" was used. He felt that certain confusion would run through the Bill if the word "specialist" was used to describe two quite separate groups of people. It would be wise to use a separate word for those whom he would call for the moment "consultants."

The amendment was negatived.

DR. CLITHEROW moved an amendment to provide that, among the specialists, services were provided at hospitals or health centres or at the homes of patients, should be those of ophthalmologists and optical practitioners, either full-time or part-time. During the second reading, he said, he asked what the Minister meant by statement in the White Paper that optical practitioners would have a "proper professional status." He did not think that question had been answered precisely, and would like it answered. Would the Government indicate whether it meant the qualified optical practitioner—the man with qualifications recognised at present by the Ophthalmic Benefits Approved Committee under the present National Health Insurance Act—and were ophthalmologists and optical practitioners part of the specialist service? If not, where did they fit in in the scheme in a professional capacity?

MR. KEY replied that the term "specialist" in this section of the Bill defined specialised medical practitioners, and therefore did not include anybody who might call himself a specialist. The word "specialist" did include the ophthalmologist but, so far as the optical practitioners were concerned, he thought he came under clause three.

DR. CLITHEROW then asked for a definition of professional status. It was provided in the White Paper and skated over by Lord Privy Seal. "I want to know where a person who is a qualified optical practitioner will be recognised professionally at present is the case under National Health Insurance. If the Minister will give assurance that that is a proper professional qualification, I am sure that such people will be more than satisfied."

SIR HAROLD WEBBE said that surely it was reasonable to give an assurance that what was now recognised as an adequate qualification by the State for the purpose of National Health Insurance would be

to be recognised for the purposes of general ophthalmic service that was to be the bridging-over period. That was a question, and the failure of the Secretary to answer it could not cause considerable uneasiness among these people, who did not know they stood.

KEY: The intention of the Minister expressed in the White Paper, that those not so qualified under National Health Insurance shall be regarded as being qualified for the hospital services which are being developed under the scheme. I cannot pledge the Ministry or anyone else that these qualifications will not be regarded as the hospital scheme develops.

CLITHEROW: They will not be lowed?

Penicillin for Veterinary Purposes

A. HENDERSON STEWART asked the Minister of Agriculture what steps were being taken to make penicillin available to veterinary surgeons, in view of the widespread and urgent need of its application for animal diseases.

TOM WILLIAMS: Large-scale field trials in the use of penicillin in the treatment of animal diseases are now being undertaken and adequate quantities of penicillin have been made available for this purpose by the Minister of Supply. I am advised, however, that the question of the unrestricted issue of penicillin to veterinary surgeons must be deferred until it is known that the increased supplies leave a sufficient margin after meeting all human needs.

STEWART: Is it not common knowledge to judge from statements made in the Press that there is now no end of penicillin going around? If that be so, why are veterinary surgeons not allowed to have some?

WILLIAMS: If there are ample supplies there will be ample for livestock.

Reactions on Penicillin Distribution

On May 16 **DR. BARNETT STROSS** asked the Minister of Health whether he had any further statement to make on the forthcoming retail distribution of penicillin; whether he would take steps to advise the public that penicillin did not cure the common cold or tuberculosis or many other constitutional ailments; and whether he would make it known that efficient treatment for serious disease might be jeopardised by taking small doses of penicillin indiscriminately?

MR. BEVAN: The Minister of Supply informs me that he has not yet completed

his arrangements for the distribution of penicillin. The arrangements will provide that, for the present, penicillin will be available to the public only on the prescription of a qualified practitioner, and that should be a safeguard against the dangers **Dr. Barnett Stross** has in mind.

British Production of Streptomycin

MR. PERCY WELLS asked the Minister of Health to what extent streptomycin was being produced in this country; whether it had been used in the treatment of tuberculosis, and with what results?

MR. BEVAN: A number of firms are carrying on research and development in connexion with streptomycin production, but the quantity resulting from these activities, which are on a laboratory scale, is as yet small, and it has therefore not been possible to use it in the treatment of tuberculosis.

Sickness Benefits for Self-employed Persons

The House took the first step on May 17 to give sickness benefit to self-employed persons under the National Insurance Bill on the same terms as employed persons. **MR. JAMES GRIFFITHS** (Minister of National Insurance) moved a special money resolution saying that, if this were approved, he would be able to introduce in committee an amendment to bring the self-employed into line with those who were employed. Benefit would be paid from the fourth day of incapacity, and for the first three days if incapacity lasted for twelve days. This, he said, had followed long discussions in standing committee. He had come to the conclusion that this was the right thing to do. The cost of the amendment would be £3,250,000 a year after the expiry of an initial qualifying period. It would bring into insurance an entirely new class, uncovered hitherto, except for those who had been voluntary contributors. There would be an initial period during which they would have to qualify.

The new proposal, he said, involved an increase in the rate of contribution of fivepence per week for self-employed men over eighteen, and threepence a week for self-employed women over eighteen, with smaller contributions for boys and girls in the class. Cost to the Treasury would be £1 million a year.

When **MR. R. A. BUTLER** welcomed the extension of the scheme, he claimed it had been given by the Government because of representations mainly from the Opposition.

The money resolution was approved.

ARTIFICIAL SUNLIGHT UNDER TEST

THE report has been issued of a special committee set up by the Industrial Health Research Board to organise and direct an inquiry into the use of artificial sunlight as a general tonic and as a means of preventing and correcting minor conditions of ill-health. The report was written by Dr. Dora Colebrook and is obtainable as a 64-page booklet from H.M. Stationery Office.

The object of the research was to ascertain, in a scientifically controlled experiment, whether the collective irradiation of workers by ultra-violet light from quartz mercury arc lamps reduces their rates of sickness absence and duration of their colds. For this purpose a technique was employed under which a "minimum perceptible erythema" was administered, and, in each trial, subjects divided by random selection into four groups of about equal size:—

GROUP 1 To receive the full range of ultra-violet rays from quartz mercury arc lamps.

GROUPS 2 and 3 To receive irradiation from lamps identical with those used for group one, but fitted with glass screens impermeable to the shorter ultra-violet rays.

GROUP 4 To receive no treatment.

The members of the first three groups were given gelatin capsules at the time of attendance at the clinic. Those taken by Groups 1 and 3 contained an inert oil and those taken by Group 2 a maintenance dose of vitamin D. The records of the sickness experience of the four groups during and for a time after the period of irradiation were collected and the figures were submitted to a statistical analysis.

Technique of Procedure

The lamps used in the trials were mercury arc lamps, and in each clinic the installation was inspected by the manufacturers and found satisfactory before being used. The manufacturers also tested the thirty-two lamps in use in one of the three testing centres after eight weeks' use, and found that they gave the required ultra-violet output. In addition, tests on the fresh skin of a person of about average sensitivity were made at the time of opening of two of the three clinics, to show that the output of the lamps conformed to the standard laid down by the manufacturers. "The skin reactions, taken as a rough and ready guide, vary in individuals, and possibly in any one indi-

vidual at different times. Nor has means of estimating objectively to extent the degree of skin reaction correlated with the occurrence of physiological reactions, or of prophylactic or curative effects in the irradiated individuals." The lamps employed were new, but both photometer and skin tests showed that the output of one individual burner differed from that of another. Attendance for the most part was weekly, but the subjects were encouraged to make up missed treatments by attending thrice weekly. The persons who received vitamin D received it twice weekly in the clinic, in the form of 1,750 international units of calciferol. The investigators sought to detect, first, whether, in the population studied, there was any evidence of vitamin-D deficiency, to which any benefit derived from the irradiation might be ascribed; and secondly, whether the response to the vitamin-producing radiation of the unscreened lamps would be sufficient to compensate for any deficiency shown to exist.

The report states that there was evidence that an eight-week course of ultra-violet light irradiation, given in February and March by the technique described, was effective in reducing sickness absence during the period of treatment or in the months following it, either in a department where the workers were subject to complete blackout conditions and to alternating periods of day and night duty, or in a department where ordinary office conditions prevailed. "It is probable that, as a result of the twice-weekly interviews, the treated had become more 'cold-conscious' than their untreated companions, and that this attitude may even have influenced them in filling in their record forms in April. The fact that the difference between the untreated control and the treated groups does not appear in the sickness-absence records suggests, as might be expected, that the greater 'colds consciousness' was related to the vague catarrhal symptoms which were very prevalent at the time, and not to the acute febrile type of cold."

Final Conclusions

The comparisons obtained by the investigators showed that, in respect of the health records studied,

1. In none of the trials did the unscreened lamps group fare better than either the screened lamp groups.

2. no respect did the treated groups, two of the clinics, fare better than the untreated group. In fact, the recorded duration of colds in both communities was significantly greater in the treated than in the untreated groups. At the third centre there was an advantage in each month to one or more of the treated groups.

3. no significance was found in any of the trials between the two screened camp groups, i.e., between those taking and those not taking vitamin D.

A subjective effects, it was found that treatment was enjoyed in all the clinics ;

about one third of the volunteers who remained to the end of the course felt better, a few "much better." Opinions of the effects of the treatment did not differ appreciably as between the screened and unscreened group. There was no evidence of a vitamin D deficiency in the population studied.

The results of the investigation are given statistically in a series of twenty-nine tables in the report. A preface emphasises that the finding of the report provides no evidence one way or the other in regard to the value of ultra-violet light as used to treat cases in dermatological and other forms of medical practice.

CHEMICAL MERCHANTS' ANNUAL MEETING

THE annual meeting of the British Chemical and Dyestuffs Traders' Association was held on May 21. Following the adoption of the accounts the CHAIRMAN (Mr. C. W. Lovegrove) presented the annual report from which the following points have been extracted :—

The period under review witnessed the end of hostilities and the beginning of the long and difficult road which we hope will ultimately lead to a revival of world trade. The road is beset with constantly changing conditions, particularly for merchants, and the services of our Association must be continually adapted to the needs of the time. Cordial relations have been maintained with Government departments. The great task of re-establishing the proper channels of trade at home and overseas, and of finding supplies for peace-time uses, was handicapped from the outset by the lack of shipping facilities, the export licensing restrictions and by controls. The matters have had the attention of your Council and the approaches which were made from 'time to time' to the authorities concerned, frequently led to a measure of improvement or relaxation.

Distribution of Pharmaceutical Chemicals

The work undertaken by the Drugs and Pharmaceuticals Importers Section of the Association in connexion with the distribution of Lease-Lend drugs to approved users was continued throughout the year. With the inevitable decline in these stocks further consideration had to be given to the resumption of imports through commercial channels and in the early months of 1945 the Association was consulted by the Directorate of Medical Supplies for the purpose of establishing import quotas for

certain products. The recommendations of the Association, based on confidential returns from the trade, were accepted, and with the fulfilment of that programme applications for import licences are now proceeding along the usual lines. The Coal Tar Products group considered a number of questions in which the interests of the merchants might have been adversely affected, and the deliberations of the standing Committee of the group were greatly assisted by the Association's representation on the Benzol Advisory Committee.

Export of Chemicals

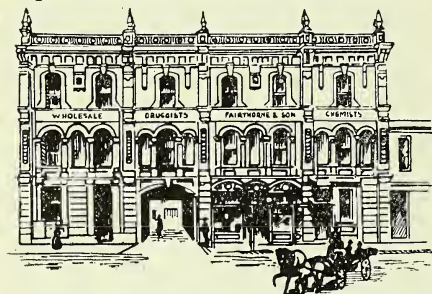
The Chemical Traders' Export Group, which represents merchant exporters, is rendering a useful service in this field of activity, and by its close contact with the Board of Trade is able to bring consideration to bear on the various problems which arise for export traders. There is no doubt that merchants have made a very substantial contribution to the satisfactory expansion in chemical exports, but it is pertinent to observe that if the potential selling force of the British merchant organisations were to be fully utilised by the home industry even wider markets would be established for British chemicals, dyestuffs and drugs. Merchants possess much experience of international trade.

Annual Luncheon

At the annual luncheon of the Association, which preceded the meeting, the toast of "The Association" was proposed by Lord Llewellyn and responded to by the president (Mr. Victor Blagden). The chairman (Mr. C. W. Lovegrove) proposed "The Guests" and Mr. R. B. E. Jackson replied.

EMPIRE'S FIRST REGISTERED DRUGGIST

TAKING the view at the age of fifteen that there were too many in the family, Landon Fairthorne, seventh son in a family of twelve boys and one girl, set sail for Australia in 1838. Within comparatively few years he founded, at Longford, Tasmania, what is claimed to be the oldest legally registered druggists' business of the Empire. Fairthorne landed at Adelaide on



42-48 ST. JOHN STREET, LAUNCESTON

Headquarters of the business as acquired on February 5, 1883.

February 15, 1839, but three years later settled in Van Diemen's Land (Tasmania), where, after several years as a solicitor's clerk, he took up an appointment as book-keeper for Doctors Pugh and Grant, Launceston. Later he became their dispenser, took up the study of chemistry, and resolved to secure admission as a druggist under an Act of 1842 of the Legislative Council of the colony. The examining body was the Court of Medical Examiners appointed by the Crown under the first Act of its kind adopted in the British Empire.

Removal to Larger Premises

In 1847, a year after opening his shop at Longford, Fairthorne removed to Launceston to open another shop at Chapel Street. Within three years the shop was too small, and he took larger premises at the corner of Charles and York Streets, Launceston. In the late sixties he opened his first branch business at Brisbane Street, Launceston—premises still conducted as a pharmacy, but now under the proprietorship of F. Warland Browne & Son. On March 22, 1871, Fairthorne's son, Frederick Kirk Fairthorne, qualified as a pharmacist and was shortly afterwards taken into partnership. The activities of L. Fairthorne & Son expanded to include many country branches in

Tasmania. An old print in the possession of the firm records that in 1883 there were branches at Brownell's Building in pool Street, Hobart, and in Scotland Street, Beaconsfield, and Formby.

In 1886, Mr. L. Fairthorne was chosen as the delegate from Northern Tasmania to the first pharmaceutical conference in Australia. The conference was held at Melbourne in October of that year and, on the motion of one of the New Zealand delegates, Mr. Fairthorne was elected president. In 1888 he retired from the firm, his son (J. K. Fairthorne) taking over the management. In 1905 and 1906, two sons of Mr. Frederick Kirk Fairthorne, Landon Cooper Fairthorne and Frederick Falkener Fairthorne, joined their father in the management of the firm. Mr. F. K. Fairthorne died on November 14, 1919, at the age of 73, and his sons assumed control. The firm was incorporated as a limited company in 1921 and six years later the retail side of the business was disposed of. Thereafter the company continued as the only exclusively wholesale drug house in Tasmania. The products of the company found their way to markets

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Chemist and Druggist.

Charles-street, July 4.

— PREPARATIONS for dress— Sheen

An advertisement by "L. Fairthorne, Chemist and Druggist," from the Hobart "Examiner," July 8, 1874.

far afield and in 1942 extensive alterations were necessary to the headquarters in John Street, Launceston, which were enlarged and modernised. In 1945, the board of directors was joined by Mr. Frederick F. Fairthorne jun., son of the managing director, introducing the fourth generation of one family to be employed in the same undertaking. In 1946, the present year, Mr. F. F. Fairthorne, senior, grandson of the founder of the business, was awarded the C.B.E.

ACTION BY JOINT COMMITTEE

THE Joint Committee on a National Pharmaceutical Service met in London on May 1 under the chairmanship of Mr. W. J. Tris.

Liaison Committee with Doctors

THE Joint Committee appointed the following persons to serve on a Joint Committee with representatives of the British Medical Association on matters of common interest under the National Health Bill: Messrs. Armitage, Brocklehurst, Dobson, McNeal, Moore, Steinman, Tris-tram and Wilson. With eight members appointed by the British Medical Association they will constitute a Liaison Committee of doctors and pharmacists.

Negotiating Committee

A report on the Joint Representatives' meeting held at Conway Hall, London, W.C. on April 9, was received and adopted. A resolution passed at that conference recommended the appointment of a negotiating committee to deal with the terms and conditions of the contracts for pharmacists under the National Health Service, and that recommendation was adopted by the committee. The following were appointed to serve upon it:—Messrs. Armitage, Bennett, Dr. Davis, Messrs. Dolan, Gilmour, Henriksen, Howells, Hesline, Shaw, Steinman, Melhuish and Tris-tram, with provision for a further two members to be appointed at a later date.

Amendments to Bill

It was agreed that arrangements should be made to have the following amendments made:—

First Schedule, p. 54, line 5, leave out "forty-one" and insert "forty-two"; p. 54, line 6, leave out "six" and insert "seven"; p. 54, line 7, after "Gynaecologists" insert "The President of the Pharmaceutical Society of Great Britain"; p. 54, line 23, leave out "two" and insert "three."

Fourth Schedule, Part I, p. 56, line 30, after "medical" insert "dental nursing and pharmaceutical"; p. 56, line 31, leave out "professions" and insert "professions"; leave out "the medical profession" and insert "such professions"; Part II, p. 57, line 15, leave out "a dental" and insert "dental nursing and pharmaceutical"; Part III, p. 57, line 33, leave out "and dental" and insert "dental nursing and pharmaceutical."

Case 21 (2) p. 16, line 29, after "practitioners" insert "or pharmacists"; p. 16, line 32, after "services" insert "or pharmaceutical services."

Case 38 (2), p. 28, line 4, after "services"

insert "otherwise than in health centres"; p. 29, line 11, after "sell" insert "(c) for the engagement of pharmacists to provide pharmaceutical services in health centres."

Fifth Schedule, p. 59, line 44, leave out "two" and insert "three."

Fourth Schedule, Part II, p. 59, at end, insert "6. The members of the health committee shall include at least three members who shall be nominated by the Executive Council of the area concerned, and the members so nominated shall include at least one medical practitioner, one dental practitioner and one pharmacist."

P. 43, Clause 43, at end, insert "In the making of any arrangements which the Executive Council are authorised by the Minister to make under this section the Executive Council shall refer the matter to the Medical Practitioners' Committee, the Pharmaceutical Committee or the Dental Practitioners' Committee as the case may be, and shall have regard to any proposals for making such arrangements as may be recommended by such Committee."

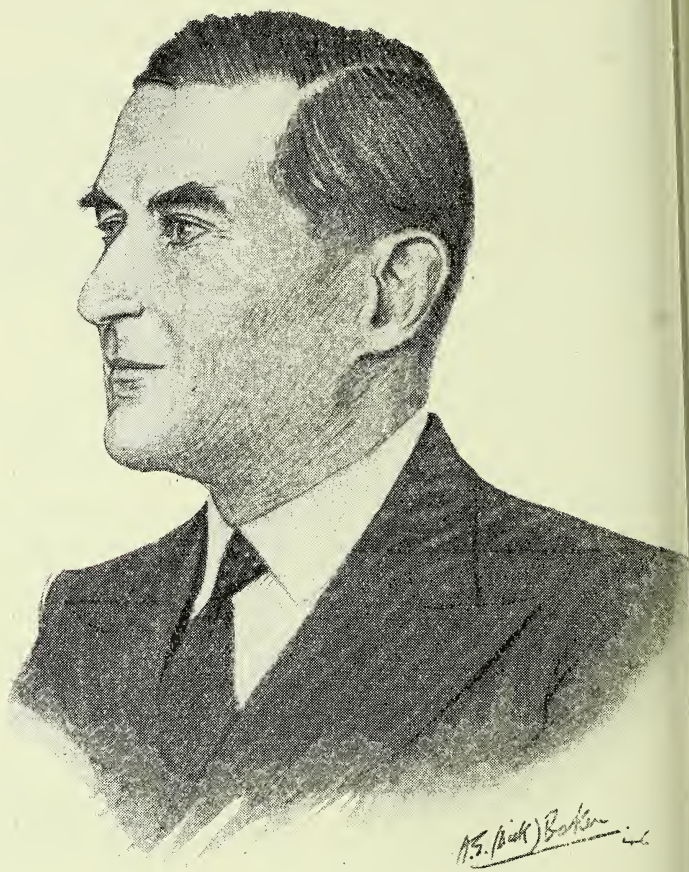
P. 35, Clause 48, line 5, after "practitioners" insert "and pharmacists"; line 6, leave out "and" and insert comma, after "services" insert "and pharmaceutical services"; line 7, leave out "or" and insert comma, after "dental" insert "or Pharmaceutical"; line 9, leave out "and" and insert comma, after "dental schools" insert "and schools of pharmacy"; line 11, after "practitioners" insert "or pharmacists."

MANCHESTER N.P.U. BRANCH

MR. E. A. BROCKLEHURST (a former chairman of the National Pharmaceutical Union) gave an address on "The Future of the N.P.U." at the annual meeting of the Manchester Branch recently. Speaking of the National Health Service he thought that the N.P.U. had taken the right course in handing over negotiations to a special committee, and he hoped that company chemists would co-operate and appoint representatives to the committee. A liaison committee had been formed between pharmacists and the medical profession. In the committee stage of the Bill in the House of Commons, Dr. R. Clitherow and Mr. H. N. Linstead would voice the claims of pharmacists.

At the same meeting, Mr. G. H. Haines, Ph.C., was presented with a pair of prism binoculars with case, and Mrs. Haines received a cut-glass vase. Mr. T. Miller, the oldest colleague of Mr. Haines, in making the presentation, expressed the executive's appreciation of Mr. Haines work, mentioning that he had been a member of the Branch's executive since its inception, and treasurer for twenty-three years.

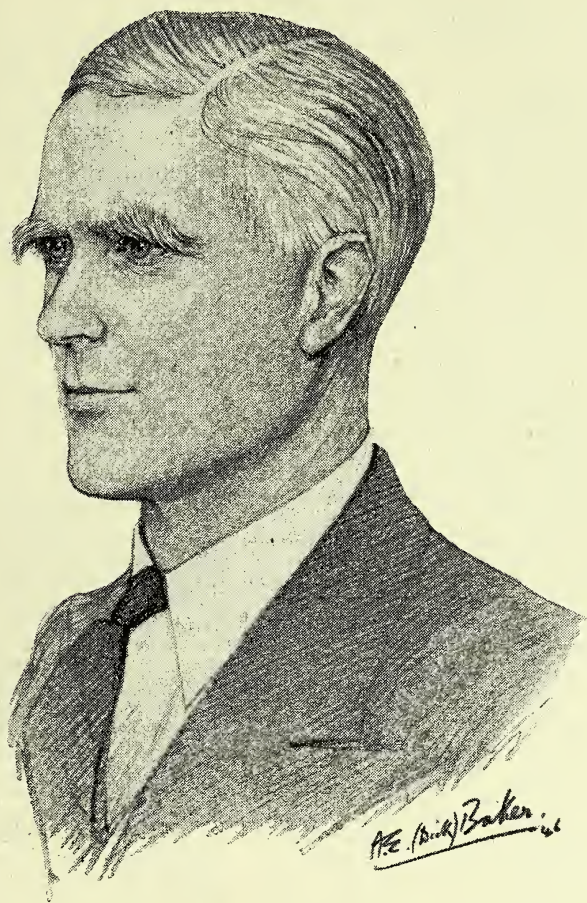
CHIEF OFFICIALS OF DRUG AND PHARMACEUTICAL ORGANISATIONS



Mr. HUGH LINSTED, O.B.E., Ph.C., M.P.
Secretary, Pharmaceutical Society of Great Britain

No. 13. Specially drawn from life for The Chemist and Druggist

CHIEF OFFICIALS OF DRUG AND PHARMACEUTICAL ORGANISATIONS



Mr. F. W. ADAMS, B.Sc., Ph.C., A.R.I.C., Barrister-at-Law
Deputy Secretary, Pharmaceutical Society of Great Britain

PHARMACEUTICAL SOCIETY'S ANNUAL MEETING

THE one-hundred-and-fifth annual meeting of the Pharmaceutical Society was held at 17 Bloomsbury Square, London, W.C.1, at 12 noon on May 15, the president (Mr. J. C. Young) in the chair. THE CHAIRMAN said that, owing to business at the House of Commons in connexion with the new Health Service, Mr. Linstead was not able to attend the meeting. It was his first absence from an annual meeting of the Society for over twenty years.

President's Address

In moving the adoption of the report of the Council (C. & D., May 18, p. 629) and the Statement of Accounts for the year 1945 THE PRESIDENT said: At the last annual meeting we were able to rejoice at the recent ending of hostilities in Europe. Since then the Far Eastern war has ceased, and for some little time the process of adjustment to peace-time conditions has been going on. The immediate feelings of relief and thankfulness which the end of the war produced have now largely worn off. We still however, I am sure, derive comfort from the thought that our members who a year ago were taking part in the fighting or were in enemy hands are now free from the hazards of war. We have had two happy occasions for returned prisoners-of-war and internees. One was for those from Europe and the other for those from the Far East, when the Council entertained them to lunch, a theatre and tea. The lively and witty reminiscence of captivity showed how successfully the guests had surmounted the psychological and material difficulties of prison life. Apart from such occasions, and the return of the evacuated departments, there has been little in the experience of the Society during the last year to indicate the change from war to peace. Pharmacists demobilised have been relatively few, though now increasing. The problem of staffs in pharmacies has remained acute, and has possibly been accentuated, while shortage of supplies still cause many difficulties. As pharmacists and citizens we cannot look forward to an early removal of many of the disabilities under which we live and work. We must be prepared to adjust ourselves to new demands arising out of the need to rebuild and develop our national resources. We should do well to examine our place in the scheme of things from this point of view.

The year was the first since the raising of the registration and retention fees, which

yielded an additional income of £230. Against this must be set the virtual cessation of payment of £4,500 in voluntary retentions. A substantial increase was made in the University grant for the College, the sources of revenue for general purposes were in the main less productive. The result of the year's working has been to enable the sum of £15,000 to be transferred to the Premises Fund. Having regard to its commitments, the Society's financial position is still difficult and may continue to be for some time.

The number of "Apprentices or Students" approximates to the yearly intake estimate some years ago as necessary to meet future needs of pharmacy. If the average is of this order the annual work will be made good and there may be a slight increase. With the increase in pharmaceutical work which is expected under the National Health Service there is no reason to think that, when the pharmacists now in the Forces are back in civilian life, they will be insufficient to meet pharmaceutical needs. Pharmacy will be in a healthy state until we reach the point when the need for non-pharmaceutical activities to engage the attention of pharmacists will have considerably diminished.

Future of Drug Stores

The removal of restrictions on the opening of new shops during the year apparently had no immediate effect on the number of pharmacies. It should be remembered that many shops were not closed on call-up of the pharmacist but converted into stores, and it is by no means certain that they will all go back to their former state even when there are pharmacists once again available to staff them. The situation would become even less satisfactory if, in addition to these drug stores, a corresponding number of new pharmacies were opened. The refusal of the Government to recognize the principle of limiting the number of pharmaceutical units in the new service facilitates the revival and intensification of the commercial developments of previous days. This in turn will lead to the difficulty of pharmacists.

The measures now in force for controlling conditions of apprenticeship will, we hope, raise the general level and remove the reproach that has been directed against conditions under which this stage in student's career has too often been passed. On my own behalf and on behalf of

I should like to say that the staff have given us every opportunity they have been called upon. It has been too great for the staff effort has been grudged by them. I should like to pay a tribute to them.

THE VICE-PRESIDENT (Mr. G. R. Knox) seconded the motion of adoption.

Museum Specimens

MR. L. G. MATTHEWS, referring to a statement in the report that some of the articles in the Society's museum had been given to Dr. Sherwood Taylor for the Museum of the History of Science at Oxford, said that the articles in question were duplicates. If the Society wished to have some time a museum that would be useful as a teaching museum, it might be better for it to retain the material which it had in its possession. He assured members that careful consideration was given to the matter.

THE CHAIRMAN replied that he understood that the giving away of the articles in question was not prejudicial to the interests of the Society, but he would see that the matter raised by Mr. Matthews was fully considered by the Council.

Reversion of Drug Stores

MR. T. HESELTINE, referring to a statement in the chairman's speech that it was by no means certain that pharmacies that had been converted into drug stores would revert to their former status even when there were no pharmacists available to staff them, said that at least 99 per cent. of the people concerned had signed an agreement with the Chemists' Friends Association that the shops would revert.

The motion for the adoption of the report and accounts was then put to the meeting and carried unanimously.

THE CHAIRMAN declared that, as the number of persons nominated for election as electors equalled the number of vacancies, the persons nominated would be the electors for the year, as follows: Messrs. Charles Alexander Hill, James Stuart Hills, Harry Hague, Harry Jephcott and Ernest Allumney. The meeting then adjourned for the announcement of the election results (C. D. May 18, p. 611).

Special Meeting

A special meeting of the Society was held on May 15 to arrange the order of business to be transacted at the annual meeting. The President (Mr. J. C. Young) was in the chair. THE PRESIDENT reported with great

regret the death of Mr. P. F. Rowsell who, until he retired in May 1944, had been a member of Council for thirty-seven years. Mr. Rowsell, he said, was highly respected by every member of the Council. MR. PARRY said that in the early days his experience on the Council had not been very happy and he would have retired but for the encouragement of Mr. Rowsell. At the Council Mr. Rowsell had had a mind of his own; he was not a slave to custom, he had his own ideas and for this reason was not always popular. Those who had long been associated with him would cherish his memory. MR. MCNEAL said they had lost one of the outstanding councillors of the Society. THE VICE-PRESIDENT (Mr. G. R. Knox Mawer) said that it had been his privilege to follow Mr. Rowsell as chairman of the Education Committee. Mr. Rowsell had been an example to them all. It was resolved to place on record the Council's deep regret at the death of Mr. Rowsell and to send a message of condolence to his family. The Council stood in respect.

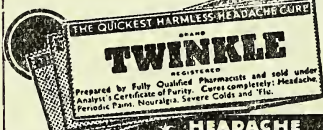
North British Executive Report

The report of the Executive of the North British Branch recorded that the Executive had held three meetings during the year. The work of the Scottish Central Pharmaceutical War Committee had been modified towards the latter part of the year. In December the Committee ceased to be an "approved employment agency" except for men aged 18-30, but the Committee had had a difficult time endeavouring to maintain an adequate civilian pharmaceutical service as pharmacists took advantage of their freedom of movement, and many vacancies had been created which had to be filled. Demobilisation was slow, and only releases under Class B had saved the situation. In two cases of extreme urgency the Army authorities had helped by loaning the services of a pharmacist on military duties. The Pharmaceutical Standing Committee (Scotland) had been enlarged to include all interests, so that unity of action might more readily be obtained upon the Separate National Health Service Bill to be brought in for Scotland. A special subcommittee to consider the question of remuneration had been appointed. The Financial Statement showed a total expenditure of £5,017, against £5,003 in 1944. Examination expenses had amounted to £2,139, against £2,242 in 1944. Members in Scotland numbered 3,105, an increase of twenty-three.

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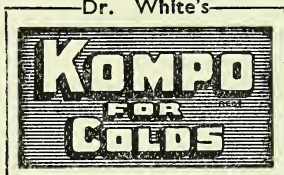


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Official organ of The Pharmaceutical Society of Great Britain, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

VOL. XLV MAY 25, 1946 NO. 3459

A Minority Poll

THE polling at the election to fill seven seats on the Council of the Pharmaceutical Society of Great Britain (*C. & D.*, May 18, p. 61) shows that only one of every three pharmacists completed and returned his voting paper. From that angle the result can only be viewed as disappointing. At the election 25,285 voting papers were issued, of which 16,587 were not returned: this year 25,374 papers were issued and 16,587 were not used. It is the same depressing story year after year. From the figures it would appear that there is a substantial body of pharmacists who persistently take no active interest in pharmaceutical politics. Is this attitude due to apathy or have two-thirds of the pharmacists in the Register deliberately divorced themselves from their own organisation and decided not to take part in the election of its executive?

The maximum number of votes that could have been polled this year was 177,618. Votes recorded on the 8,545 valid papers returned totalled 51,109, an average of 5.98 votes per paper. The seven successful candidates received 27,257 votes (average 3,894 each) and the votes for the nine unsuccessful candidates totalled 23,852 (average 2,650 each). The average number of votes polled by the successful candidates represents 15.1 per cent. of the possible maximum votes.

With one exception the retiring members were re-elected this year and it is fitting

that the able leadership of Mr. W. J. Tristram and the good work he has done on the Joint Pharmaceutical Committee, in connexion with N.H.S., should be reflected by his re-election at the top of the poll with something approaching record support. Mr. Macdonald Murray, who was co-opted to the Council in 1945, failed to hold his seat, being some 250 votes below the lowest successful candidate. His place is taken by Mr. Granville Shaw, who came fourth in the poll with 3,544 votes. Mr. Harry Steinman (3,142) and Mr. Macdonald Murray (3,139) were runners-up with only three votes dividing them.

First Fruits of the Conference

MEETING in London on May 14, the Joint Committee on a National Pharmaceutical Service took steps (p. 655) to implement the decisions of the recent conference of local representatives of the Pharmaceutical Society, National Pharmaceutical Union, and Pharmaceutical Committees. The text of actual amendments to the Bill was framed in detail and steps are being taken, it is understood, to ensure that they are moved in Parliament. Two other items of importance also came before the Committee. Pharmacists will note with satisfaction that machinery has been created for dealing with matters of common interest between pharmacists and doctors, and the personnel of the pharmacists' Negotiating Committee has been announced. As will be seen, it includes representatives of employed and public pharmacists and a representative of Scotland, although predominantly "proprietor" in character. Two further members are to be appointed later. So far so good. It is satisfactory that the right steps are being taken at the right time, and members of the Society will await the outcome with, shall we say, a conditioned optimism.

Further Increase in Exports

EXPORTS of United Kingdom goods during April showed a further rise of just over £2 millions, despite the smaller number of working days, due to the Easter holidays. Total exports of United Kingdom goods during the month under review were valued as £69,363,049, compared with £67,058,039 in March, and £36,202,918 in

April 1945. Re-exports declined during the month to £3,753,046 from £4,624,524 in March.

The following are the export figures for the group of products designated "Chemicals, drugs, dyes and colours": April 1946, £5,013,192; March 1946, £5,793,695; April 1945, £3,396,793; monthly average 1938, £1,856,649. Similar figures on a four-monthly basis are: January-April 1946, £20,909,107; January-April 1945, £10,599,251; one-third of 1938, £7,426,596. In comparing these figures adjustments must be made to allow for the higher prices now ruling.

The following are the figures on a value basis for exports of selected items of interest to the drug trade:—

Item	April 1946	March 1946	Monthly Average 1938
	£	£	£
Flavouring essences ..	70,305	65,072	20,554
Malt extracts, etc.	5,884	8,126	19,295
Gums ..	37,943	29,263	5,536
Waxes ..	44,630	44,110	14,032
Linseed oil ..	1,727	1,979	31,215
Stearine ..	2,931	6,048	6,825
Glass bottles, etc.	32,516	62,904	24,035
Razors, safety ..	26,467	45,138	10,111
" blades ..	100,846	194,135	37,605
Cameras ..	9,668	8,845	8,473
Citric acid ..	6,782	13,145	11,585
Disinfectants, etc.	219,930	617,429	65,510
Glycerin ..	13,807	78,083	32,819
Spirits, perfumed ..	31,650	18,127	17,746
Zinc oxide ..	79,336	111,184	22,355
Quinine ..	16,445	10,620	14,593
Proprietary medicines ..	282,938	384,294	112,940
Other drugs ..	536,645	617,969	145,885
Essential oils, natural ..	27,827	34,045	17,542
Druggists' wares	154,593	90,526	47,478
Perfumery, etc. ..	312,157	288,694	96,497

"Sunray": Is it Moonshine?

MANUFACTURERS of ultra-violet ray apparatus for domestic use are likely to encounter a serious decline in sales as a result of a report which is reviewed on p. 652 of this issue, and to which wide publicity has been given in the national Press. Many readers, in fact, neglecting to study the precise details, may be left with

the impression that artificial sunlamps are useless in all circumstances. This conclusion, however, is not justified by deductions from the limited field in which investigations were carried out, and is important that all who handle such apparatus should distinguish sharply between what the report touches upon and what is left unaffected by the investigations.

The general finding is that, using accepted technique of irradiation, analysing certain measurable features have been claimed to be amenable (such as sickness absence and duration of colds), there was, in the trials under no evidence that these benefits were produced. The communities chosen for experiment included (a) clerical workers, (b) factory workers, and (c) underground workers at a colliery. All worked entirely in artificial light.

Further Experiments Desirable

The evidence produced by the investigators amounts to this, that, in three groups of people, during a period of two calendar months, no positive evidence of benefit was found. The extent to which the tests may be taken as adequate material from which to draw general and permanent conclusions may be doubted, and it is to be hoped that further experiments will be carried out in the meantime, it is to be borne in mind that the report does not touch upon the extent of importance of the value of ultra-violet light as used to treat particular diseases of dermatological and other forms of medical practice. Until evidence is forthcoming that the treatment fails to do what has claimed for it in these conditions, there is every reason why the use of artificial light lamps should continue. It has been noted by the writer of the report that, collectively, all the patients who received ray treatment felt themselves to be better in health as a result of irradiation. Realizing that there have been instances where popular judgment has eventually proved to have a sound basis (as in the case of aqueous ergot, which was for years condemned as unscientific), readers of the report should accept it only with a suitable reserve until a greater mass of evidence has been accumulated.

THE SOCIETY'S FINANCIAL STATEMENT

Summary of Income and Expenditure for Years Ended December 31, 1945 and 1944

GENERAL FUNDS	EXPENDITURE		INCOME		SURPLUS	DEFICIT
	1945	1944	1945	1944		
EDUCATION	£	£	£	£	£	£
College	22232	16724	7499	4888	—	14733
Museum	44	62	—	—	—	44
Library	1410	1118	—	—	—	1410
Examinations	9710	9457	14286	14975	4576	—
Miscellaneous	2177	400	—	—	—	2177
	35573	27761	21785	19863	—	13788
Let benefit from Pharmaceutical trust	—	1510	—	—	—	—
	35573	26251	21785	19863	—	13788
LAW						
Law Department	12375	10626	2584	2880	—	9791
BENEVOLENCE						
Benevolent Fund—General	7889	5642	10115	9235	2226	—
—War Aid	5739	1077	6602	5998	863	—
His Orphan Fund	—	—	212	213	212	—
Orphan Fund	1101	—	1187	1005	86	—
St Clementary Benevolent Fund	—	—	10	5	10	—
Conference Entertainments Fund	—	—	41	41	41	—
	14729	6719	18167	16497	3438	—
ORGANISATION	2245	2024	—	—	—	2245
PUBLICATIONS						
Pharmaceutical Journal	5392	4116	—	—	—	5392
Quarterly Journal	1052	1041	1120	876	68	—
British Pharmaceutical Codex	2979	3178	5041	3822	2062	—
British Pharmacopoeia	4611	8338	7655	14433	3044	—
Pharmaceutical Pocket Book	423	1251	591	1750	168	—
Calendar	83	45	14	79	—	69
Register (included under Law)	—	—	—	—	—	—
History of Pharmacy	9	11	26	31	17	—
Society Publications	488	639	519	764	31	—
	15037	18619	14966	21755	—	71
NON-BRITISH OFFICE	4478	4336	—	—	—	4478
HEADQUARTERS	24725	24230	59604	55031	34879	—
PRINTING	—	—	17022	1332	17022	—
PARLIAMENTARY	1307	—	760	474	—	547
MISCELLANEOUS						
Subscription	3758	3503	—	—	—	3758
Pensions	2736	2154	—	—	—	2736
Subscriptions to other bodies	1069	1469	—	—	—	1069
Series	—	—	—	—	—	—
Interest on loan against mortgage, less interest received	2901	2986	4629	2838	1723	—
	10464	10112	4629	2838	—	5835
	120923	102917	139517	120670	18584	—
SPECIAL TRUST FUNDS	681	538	1198	1116	517	—
GRAND TOTAL	£121614	103455	140715	121786	19101	—

PHARMACEUTICAL SOCIETY OF IRELAND

The monthly meeting of the Council of the Pharmaceutical Society of Ireland was held in Dublin on May 14, Mr. J. K. Whelehan (president) in the chair. Other members of the Council present were Messrs. P. A. Brady (vice-president), P. C. Cahill (treasurer), M. Costelloe, T. C. Scott, P. Brooke-Kelly, J. Gleeson, F. Loughman, T.D., M. Power, F. X. Meagher, P. F. McGrath, G. C. O'Neill, H. P. Corrigan, T. B. O'Sullivan, R. Daly, J. D. Blair, J. A. O'Rourke, and P. Fullam.

THE PRESIDENT welcomed Deputy Frank Loughman on his first attendance there as a member of the Council. They knew that Deputy Loughman was a busy man, and any time he could give in the interests of the Society would be much appreciated. When his help was needed he was always ready to give it, and they felt sure he would come to their meetings as often as it was possible (applause). MR. LOUGHMAN suitably replied.

Resettlement of Pharmacists from the Defence Forces

The Secretary to the Minister for Defence wrote: "I am directed by the Minister for Defence to acknowledge with thanks receipt of your letter of the 4th inst. and enclosure regarding certain proposals made by the Council of the Pharmaceutical Society of Ireland to the Minister for Justice in an endeavour to assist in the resettlement of men who served in the Defence Forces during the Emergency. I am to express the Minister's appreciation of the Council's action in this matter, and of their helpful attitude generally in the matters referred to them by this Department which pertain to the resettlement of demobilised personnel." A letter was read from the Ministry of Justice, intimating that the Minister had approved regulations affecting entrants to the Society's examinations from the Defence Forces.

Registration and Membership

The following who submitted certificates were granted Preliminary registration: Christina J. B. Loughlin, John P. Boland, Elizabeth M. Curtin, Sarah P. J. O'Reilly, Honoria O. B. Hyland, Miceal S. Dargan, Kathleen T. Fox, Mary E. Healy, Edward J. C. Brady, Mary A. Cadogan, Martin Howley, Sylvester M. O'Farrell, Bridget T. Meagher, Josephine C. Breslin. Mr. Denis Foley, Fermoy, co. Cork, made application to be restored to the Registered Druggist register. The application was granted.

The following changes of address notified: Mr. A. J. Boyle, M.P.S. Collooney, co. Sligo; Mr. J. F. B. M.P.S.I., to Carrick Road, Boyle, co. common; Mr. J. F. Cosgrove, L.P.S. 143 Capel Street, Dublin; Mr. J. C. M.P.S.I., to 67 Kenyon Street, New Mr. C. D. Foley, L.P.S.I., to 61 South George's Street, Dublin; Mr. M. J. Ho M.P.S.I., to 85 Terenure Road Terenure, Dublin; Mr. W. F. M. L.P.S.I., to Melrose, Crumlin Village Dublin; Mr. T. Murphy, L.P.S.I., to Street, Dunfanaghy, co. Donegal; H. W. A. Sheridan, L.P.S.I., to Swisco. Mayo; Mr. F. S. J. Smith, L.P.S. 18 Frascati Park, Blackrock, co. Du Mr. H. V. Golden, R.D., to 363 Circular Road, Dublin; Mr. N. McCa R.D., to Military Hospital, Collins Bar Cork; Mr. M. D. O'Callaghan, R.I. 60 Brighton Road, Rathgar, Dublin.

The Licence certificates of the following were signed and sealed: James F. Cosgrove, Evelyn Cuniffe, Vera A. Greene, B. Hall, Annie Hourihane, Marguerite Lenahan, Thomas J. Moran, Leo McKeever, James McMenamin, Ita Norton, and Joseph Quinn. The following elected members of the Society: Mr. C. G. Donelan, T. J. Hackett, E. P. Muir, T. J. O'Driscoll, R. T. Phelan, C. M. V. Mrs. B. MacDonald, and Miss J. F. O'Rourke. The following were nominated for membership: Miss E. C. Burke, Carn L Drogheda; Mr. A. Corless, Bagenalstown, co. Carlow; Mr. J. F. Cosgrove, Dublin; Mr. H. P. Crossin, Belfast; Mr. J. C. Nenagh; Mr. T. M. Moran, Clonmel; Mr. I. Naughton, Dun Laoghaire; Mr. C. Foley, Dublin. As Associate Druggists, Messrs. J. J. Courtney, Dublin, and H. V. Golden, Dublin.

The reports of the House, Schools, Licences and Declarations Committees were submitted and approved.

THE REGISTRAR reported to the Council that Mr. J. P. Kissane (a member of the Council) had been ill with pleural pneumonia, and was now reported to be progressing favourably. The Council directed the registrar to send an expression of sympathy to Mr. Kissane.

Examinations

The examiners, reporting on the recent examinations, stated that, of the fifty-two candidates who presented themselves for the Licence examination, four had passed and

and fourteen passed. Of the fifty-six who presented themselves for the students' examination, thirty-one had been successful. Arising out of the examiners' reports, Mr. MEAGHER said he would like to say something that gave him, as a member of the Council, a considerable amount of worry. Recently he was present with the Government visitor at one of the Society's examinations, and had observed that the candidate was so nervous that he could not pour liquid from a measure into a bottle. In fairness to everyone he must say that there was no one near the candidate at the time. It was something that gave him personally a considerable amount of worry, that there should always be such a tremendous amount of tension during their practical examinations. He only visited the practical pharmacy examination, but at the previous practical chemistry examination two students had broken burettes. They did not break them for fun or out of bravado, but out of sheer nervousness. Something would have to be done to prevent the examinations becoming a veritable war of nerves. Their intention was to examine candidates on their ability to become pharmaceutical chemists, and there had nothing to do with it. Recently he had talked this matter over with a brilliant medical man, who was also a Licentiate of the Society, and the doctor had told him that none of his medical examinations had had the same effect on his nerves as his pharmaceutical examination. This condition of affairs was not the responsibility of the examiners or the registrar, but the responsibility of the twenty-one members of the Council. He could offer no solution of the problem, but it is one to which they would have to give considerable cogitation.

Division Suggested

The PRESIDENT agreed with Mr. Meagher's remarks. He had noticed that nervous tension at their examinations, and it was tense at times. Students of a highly nervous state were placed at a disadvantage under such conditions. It was their duty to do anything they could to lessen the tension in any way. Mr. SCOTT asked would it be possible to divide the examination into two parts to ease the strain. He thought Mr. Meagher was right in bringing the matter up.

Mr. CAHILL thought the fact that many candidates came forward for the examination not properly trained was to some extent responsible.

Mr. COSTELLOE thought candidates built up a state of tension for themselves before they went into the examination. He was sure the examiners and Mr. Kerr, in any talk they had to the candidates, would do their best to make them feel at home. The fact that a candidate could not pour from a glass into a bottle was no reflection on the examiners. Why there should be tension he could not say, but definitely it was there.

Physical Condition in Question

Mr. O'ROURKE wondered if it were not due to the fact that for years many of their students were working in a job and studying at the same time, with the result that they were in poor physical condition. The combination of the two things might leave some of them nervous wrecks.

Mr. GLEESON said he had been present at the April Licence examination and the atmosphere was pleasant. He thought conditions were better now, but if the tension mentioned existed they should rectify it.

Mr. BRADY suggested that it might be possible to have a small subcommittee attend the practical pharmacy examination to see what could be done. The difficulty was to find a remedy to ease the tension.

Mr. McGRATH did not agree that it would be a good thing to send people into the examination. That might have a bad effect on the candidates. The question of whether the present Licence examination was too stiff to be taken at one sitting should be inquired into.

Mr. FULLAM thought Mr. Cahill was right in suggesting that the fellow who lost his nerve at the examination was the one who did not know his stuff.

THE PRESIDENT: You can appoint a subcommittee to make suggestions to the Council by which it might be removed.—After further discussion it was agreed, on the suggestion of Mr. GLEESON, to leave the matter in the hands of the officers.

The following motion, proposed by the PRESIDENT was passed unanimously: "That Professor Alfred O'Rahilly, Vice-Chancellor of the National University of Ireland, be appointed Honorary Educational Consultant to the Pharmaceutical Society of Ireland."

At the conclusion of the business on the agenda, the PRESIDENT made a report to the Council on progress in the negotiations between the pharmaceutical representatives and the representatives of the veterinary surgeons on the question of the sale and dispensing by pharmacists of veterinary preparations.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Design of Medicine Bottles

SIR,—Since my previous letter (*C. & D.*, March 2, p. 281) I have collected a genuine Codd bottle, complete with marble, several "medical flats" with insoluble deposits on the shoulders (unreachable by any brush) and am now hunting down a metal milk container to add to my museum of "horrors."

Yours faithfully,
DEVONSHIRE YOKEL

Proprietary "Blunderbuss"

SIR,—I append a copy of a prescription given to me recently to dispense:—

R. Kalzana	gr. 2½
Ostelin liquid	m. i
Elixir Betaxan	m. 5
Minadex	dr. ½
Aq. chlorof.	ad oz. i

Yours faithfully,
EDINBURGH. ALEXANDER G. BRUCE.

National Health Service Problems

SIR,—Of all the many quirks and twists which make the new Health Service difficult of acceptance by chemists, the one which is outstanding is the twenty-four-hour service. The Bill specifically places on local authorities the onus of providing service when otherwise inadequate. I can see no reason why they should not themselves equip a dispensary to open from 7 p.m. to 8 a.m., with Sunday and Bank Holiday duties, at which a rota of local chemists could work, sleep and feed for a retaining fee of, say, a guinea a night exclusive. This, I am convinced, or some other more satisfactory scheme, is essential; otherwise our leaders will have failed.

Yours faithfully,
JOHN R. HEYWOOD.

SIR,—While most of us are anxious to co-operate with the Minister of Health, and give of our best to ensure no weakness on the pharmaceutical side of the intended National Health Service, may I draw attention to a considerable difficulty that exists in the present National Health Insurance scheme? I refer to the undue delay in payment for dispensing. Only this week have I received my meagre pittance for work performed in January. Bearing in mind that, owing to shortage of drugs, it is necessary to clear accounts for January by

February 14, it is obvious that I and colleagues in this area have advanced three-months' interest-free loan to the Minister of Health. When the majority of the populace are insured persons, the amount of work performed for which they shall have immediate payment will presumably decrease, and the amount of Insurance work increase considerably. I therefore express a most urgent wish that those who will negotiate with Mr. Morrison will secure some reasonable safeguard for pharmacists, whereby more rapid payment than we experience now may be secured, or alternatively a system of advance payments on account that could be made at intervals. The apparatus and fittings of my dispensary (more like a laboratory valued at approximately £700—all of which is available and used for N.H.I. dispensing) has had to be financed by a bank overdraft, on which I have the privilege of paying interest at 5 per cent.—the Government fixed rate. Is it not illogical that I can obtain no redress from a Government department by way of interest on overdue N.H.I. dispensing accounts? Finally, may I suggest that if Mr. Morrison paid chemists more promptly he would have more dispensaries equipped with the apparatus necessary for pharmacists to do the work that might be asked of them by more modern and scientific doctors, especially in the future, when antibiotics become more developed, and are demanded with greater frequency by the general practitioner.

Yours faithfully,
RIPLEY, SURREY. EILE MITCHELL

Eire Licence Examination

SIR,—I was much interested in M.P.S.I. M.U.G.'s letter appearing in your issue of May 11 (p. 608). The powers that be should let chemists in Eire know what they are doing about Registered Druggists. I know that an agreement was signed between the pharmaceutical chemists and the registered druggists' representative in either 1928 or 1929. This is an important document. Have the Pharmaceutical Society of Ireland ignored it? I think it should be published. Yours faithfully,
DUBLIN. M.P.S.I., not M.U.G.

SIR,—In reply to M.P.S.I. M.U.G.'s letter, wonder did he and 900 other members

Society vote into office the present members of the Pharmaceutical Council—any other purpose than the welfare of the profession? Then they should rely on their own knowledge to carry out their duty. Perhaps the 60 per cent. of Registered Druggists have a thought to the new Bill, as they are in business on their own account, and their knowledge are all doing well.

Yours faithfully,
AN OLD R.D.

Council Candidates' Thanks

SIR, I tender my sincere thanks to the 60 pharmacists who supported my candidature in the recent Pharmaceutical Council election.

Yours faithfully,
J. GILMOUR.

SIR, May I express through your medium my thanks to the pharmacists who voted for me in the recent Council election. Yours faithfully,
GRANVILLE SHAW.

SIR, May I through the medium of your medium be allowed to express my thanks to the 142 pharmacists who gave me their vote in the recent Council election? Yours faithfully,
HARRY STEINMAN.

SIR, I wish to thank THE CHEMIST AND DRUGGIST for allocating space to expound my policy, and my fellow-members who made me worthy of support at the recent election. Yours faithfully,
R. MACDONALD MURRAY.

SIR, I would like to thank all pharmacists who voted for me in the recent Council election and to assure them of my continued efforts in their behalf.

Yours faithfully,
MARY C. ISLIP.

SIR, I would like to express my thanks and appreciation through your columns to the members of the Society who supported my candidature at the recent Council election; also thanks to the scrutineers. I conclude by expressing the opinion of the members that the non-return of 23,374 voting papers out of 25,374 issued is a healthy sign, and displays an apathy, keeping paralysis, on the part of the majority of members.

Yours faithfully,
G. H. ARMITAGE.

SIR, I should like to express my thanks and appreciation to all those pharmacists who voted for me in the recent Council

election. I regret that it is not possible to further my policy of reconstruction at the present time, but look forward to the future when I can interest more real live pharmacists to give me their support. I will, at the earliest opportunity, reply to each of the many pharmacists who took the trouble to write to me in support of my policy.

Yours faithfully,
J. E. CROWE.

SIR,—May I thank the members of the Society who honoured me with their support and confidence by voting for me. It is one of the blessings of electoral campaigns in this country that no matter how much opposing sides may differ they can shake hands after the "scrap" and wish both victor and loser well. Because the future is of such great importance to our craft I express the hope that the successful candidates will be able to clear the hurdles which lie ahead. To the scrutineers, also, my grateful thanks. They had an easier task than one would have wished. Sixteen-thousand disinterested members made that possible.

Yours truly,
J. ROSS-MANSELL.

COMING EVENTS

Tuesday, May 28

LEICESTER BRANCH, NATIONAL PHARMACEUTICAL UNION, Royal Hotel, Leicester, at 7.30 p.m. Annual meeting.

Wednesday, May 29

NATIONAL PHARMACEUTICAL UNION, Dorchester Hotel, Park Lane, London, W.1, at 7 for 7.30 p.m. Silver Jubilee dinner and presentation (tickets only).

ROYAL SOCIETY OF ARTS, John Adam Street, London, W.C.2, at 1.45 p.m. Major W. H. Cadman on "Colloidal Carbon."

WESTERN PHARMACISTS' ASSOCIATION, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Annual meeting. Dr. F. Wrigley (clinical research director, Roche Products, Ltd.) on "Later Vitamin Developments."

Thursday, May 30

THAMES VALLEY PHARMACISTS' ASSOCIATION, Kingston Hotel, Kingston, at 7.45 p.m. Annual meeting. Debate on "Dispensing Costs."

Sunday, June 2

CORNWALL PHARMACEUTICAL COMMITTEE, Gas Company Hall, Boscawen Street, Truro, at 2.30 p.m. Mr. G. A. Mallinson on "The Pharmaceutical Horizon." Open to all pharmacists.

MANCHESTER PHARMACEUTICAL ASSOCIATION, Ramble to Grindleford, Bakewell, and Millers Dale. Meet at Central station, 8.45 a.m. Book Grindleford return.

OVERSEAS TRADE NEWS

Silesian Chemical Industries.—According to Warsaw radio the chemical industries of Eastern Silesia are being rapidly rehabilitated.

India Suspends Linseed Exports.—The Indian Department of Commerce at New Delhi has suspended the export of linseed and linseed oil until further notice.

Soviet Increases Cosmetics Output.—A message from Moscow states that an increase in output of Soviet Russia's cosmetic industry by 50 per cent. above pre-war figures is aimed at in the new five-year plan. Fourteen new perfumery factories will be built this year in the Soviet Union.

Plastic Coating for Bottles.—Glass bottles coated with nitrocellulose plastic which prevents leakage of contents when the glass is broken are now available in the United States. The bottle has a thin even film which retains its shape even when the bottle is broken. It is claimed that corrosive liquids may be stored without danger of leakage. The coating is transparent but may be dyed.

Peruvian Import Control.—Essences and colouring materials exported to Peru, for use in foodstuffs, drinks, confectionery, medicines and toilet preparations must be registered with the Inspeccion General de Farmacia. Colouring materials intended for use in foodstuffs must bear a label indicating not only the name of the manufacturer and of the product but also the chemical denomination or the number of the certificate guaranteeing its innocuousness, issued by the Health Board of the country of origin.

Norwegian Fishing Report.—Brodr. Aarsæther A/S, Alesund, Norway, write: Since our last market report (*C. & D.*, April 20, p. 508) the Lofoten fishery is definitely ended. In the last few weeks before the finish, the fishery was completely impeded by bad weather, but its total result is nevertheless very satisfactory. The other winter fisheries which take place north and south of the Lofoten Islands have also ended with satisfactory results. The fisheries along the coast of Finmark, called the spring fishery, are now commencing, but owing to the German scorched earth policy favourable results cannot be assumed.

German Scientists May Continue Research.—German scientists are to be allowed to engage in applied scientific research into synthetic oils and synthetic rubber under a

new law regulating scientific investigation issued by the Allied Control Authority. Permission for such research must be obtained from the commanders of military zone concerned before any experiments are undertaken in these areas. Scientific research may also be undertaken with the previous approval of the commanders on a substantial list of industrial subjects, but the new law lessens all technical military organizations, prohibits all fundamental research of a military nature and orders the destruction or removal of buildings or equipment of military character.

Mexican Chemical Industry Expansion.—A dispatch from Mexico City states that Mexican chemical trade has greatly expanded over the past five years. Penicillin is shortly to be produced on a large scale in Mexico while a company has commenced manufacture of aspirin. Six factories produce citric acid with price and quality comparing favourably with the U.S. product. Caustic soda manufacture has also been stimulated and zinc oxide is now produced domestically for the rubber industry and home-mined metal. Other chemical products manufactured in Mexico which a few years ago were imported include arsenic of calcium and lead for the manufacture of insecticides, lactic acid, refined sulphur, sodium cyanide, potassium chlorate, nitrate, eucalyptus oil and dry ice.

U.S. Chemicals Position.—Grave repercussions in the United States chemical industry as a result of the soft-coal strike are daily becoming more apparent. The operators of coke ovens are producing a maximum of 50 per cent. of capacity while several are working only at 20 to 25 per cent. of pre-strike rates. The major alkalis reflect the critical position in an extreme shortage of caustic soda and soda ash while sodium phosphate will in turn suffer a considerable production set-back, if no quick solution to the coal strike is found. The bichromates are becoming more difficult to locate in substantial quantities while demand for fertiliser materials is high though the major consuming season is almost over, is considerably in excess of available supplies. Neither flaked nor naphthalene is available to consumers despite a willingness shown on their part to pay premiums for them; the sulphur position is regarded as critical. Deliveries of calcium chloride are running short.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary according to brand or grade.

28 Essex Street, W.C.2, May 22

REPORTERS from the London drug and chemical markets indicate a continuation of steady conditions with business about up to average. A good deal of inquiry has been received for export goods, but in some instances the items required are not readily available. Price fluctuations have been the exception than the rule—changes, when they have occurred, generally relating to small proportions of the material. There is nothing of interest to record in PHARMACEUTICAL CHEMICALS, which have again moved along steadily, with business in some commodities restricted by the supply position.

Crude Drugs

DEMAND in this section of the markets reports a quiet week with no outstanding features. A good deal of inquiry is being received from the Continent for AGAR, but present supplies are inadequate to meet this demand; no development has occurred that might suggest an early resumption of the Japanese industry. As noted last week, prices of CAPE ALOES are tending higher. DEMAND for ANTIMONY remains in excess of smelting capacity. Offers are reported of Japanese CAMPHOR tablets from China, but so far no business has been done. CARDAMOM continues scarce and very firm. CHINES and other spice products have again been slow, with previous prices repeated. As noted last week, DIGITALIS LEAF has an easier tendency. Brazilian MENTHOL continues in good demand for export with the price in bond 1s. per lb. dearer; the spot price also shows a rising tendency.

Little of interest has occurred during the week in ESSENTIAL OILS and prices remain at about the levels recorded recently. The scarcity of oils outside the control scheme continues.

representatives do not think that GLYCERIN imports into the United States will continue at the level maintained over the first quarter of 1946. The tight position in the material continues, though some let-up in demand is anticipated. While GLYCERIN production in the United States during March (approximately 14,000,000 lb.) declined about 20,000 lb. compared with the previous month, stocks rose slightly to about 50,000,000 lb. SILVER SALTS are exceedingly scarce while MERCURY is available in moderate quantities against a limited demand at the present time. THEOBROMINE, synthetic CAMPHOR, the SALICYLATES and SULPHA drugs are all difficult to locate in substantial quantities. Quieter conditions have prevailed on the CRUDE DRUGS markets, the feature being a still higher quotation on CARNAUBA WAX. Supplies are becoming rapidly depleted with the crisis expected to develop in about four weeks' time. Demand here and in Brazil is reported heavy. The substantial Food and Drug Administration detentions of imported RHUBARB ROOT during recent weeks have occasioned a reluctance on the part of importers to purchase any additional quantities in India. About 2,500 bags of GUM ARABIC arrived here last week from Aden, it is reported. Additional export inquiries for this material may easily result in a rise in the quotation. The shortage of COAL-TAR DERIVATIVES such as BENZOL, XYLOL and PHENOL occasioned by the coal strike has resulted in a drastic curtailment in the production of AROMATIC CHEMICALS. The ESSENTIAL OIL producers are encountering considerable difficulty in locating bottles, containers and certain types of steel drums.

Exchange Rates on London

Bank of England fixed rates at the opening on Wednesday morning were:—

Centre	Quoted	May 22
*Alexandria	Piastres to £	97½-97½
Brussels	Francs to £	176½-176½
Copenhagen	Kroner to £	19.32-19.36
Dutch West Indies ..	Florins to £	7.58-7.62
Oslo	Kroner to £	19.95-20.05
Paris	Francs to £	479.7-480.3
Lisbon	Escudos to £	99.80-100.20
Montreal	Dollars to £	4.43-4.45
New York	Dollars to £	4.02½-4.03½
Stockholm	Kroner to £	16.88-16.92
Zurich	Francs to £	17.34-17.36

* Free market rate.

U.S. Drug Market Report

New York, May 17

MARKETS were featured last week by a succession of MENTHOL price increases; with dwindling prospects for Far-East supplies arriving in time for the major coming season ahead, Brazilian shippers are holding stocks for higher prices. Little actual business in this material has been noted for many weeks. Leading industrial

Pharmaceutical Chemicals

ACETANILIDE.—Current rate per lb. for powder is 2s. 5d., and for crystals 2s. 6d.

AMPHETAMINE.—Makers' quotations are steady at 15 os. per lb.

ASPIRIN.—The following are makers' current rates per lb. for the home market, in quantities of 28 lb.—1 cwt. (containers in brackets): 4s. 1½d. (1-lb.); 4s. (4-lb.); 3s. 11d. (7-lb.); 3s. 10½d. (14-lb.); 3s. 9½d. (28-lb.).

ASPIRIN TABLETS.—Makers quote bulk supplies per 1,000 as follows: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d.; 25,000, 3s. 1d.; 50,000, 3s.; 100,000, 2s. 11d.; 250,000, 2s. 10½d.; 500,000, 2s. 10d.; 1,000,000, 2s. 9d.

ATROPINE.—Home market prices per oz. are: ALKALOID, 42s. 6d.; 4 oz., 42s.; 25 oz., 41s. 6d. SULPHATE, 34s.; 4 oz., 33s. 6d.; 25 oz., 33s. METHYLBROMIDE and METHYLNITRATE, 75s.

BARIUM SULPHATE, B.P. (x-ray).—Prices per lb. quoted by makers, in 28-lb.—1 cwt. lots, for home sales are (containers in brackets): 1s. 6d. (1-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.). Prices are net, one month.

BISMUTH SALTS.—Current prices per lb. for CARBONATE, in quantities of 14 lb.—28 lb., are as follows (containers in brackets): 13s. 0½d. (1-lb.); 12s. 11½d. (2-lb.); 12s. 11d. (4-lb.); 12s. 10d. (7-lb.); 12s. 9½d. (14-lb.). CITRATE, 2s. per lb. above; SALICYLATE, 6d. per lb. above; SUBGALLATE, 4s. 3d. per lb. above; SUBNITRATE, 1s. 2d. per lb. below the prices for carbonate.

BORAX.—Ton lots are quoted as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots.

BORIC ACID.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

BROMIDES.—POTASSIUM, in quantities of 28 lb., is quoted at the following rates per lb. (containers in brackets): 3s. 2½d. (1-lb.); 3s. 1d. (4-lb.); 3s. (7-lb.); 2s. 11½d. (14 lb.); 2s. 10½d. (28-lb.). SODIUM, 1½d. per lb. less, and AMMONIUM 1½d. per lb. more, than above prices. Prices are net, without engagement.

BRUCINE.—Current rates per oz. are as follows: ALKALOID.—Under 25 oz., 1s. 4½d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE and SULPHATE.—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

CITRATES.—Prices per lb. for POTASSIUM, in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 3s. 7½d. (1-lb.); 3s. 6d. (4-lb.); 3s. 5d. (7-lb.); 3s. 4½d. (14-lb.); 3s. 3½d. (28-lb.). FERRI ET AMMON. CITR., B.P., 2d. per lb. above; SODIUM, B.P., 3d. per lb. below; POWDER, 1d. per lb. extra.

CHLORAL HYDRATE.—Steady; current are as follows: 1 cwt., 3s. 10d. per lb.; 4s.; 28 lb., 4s. 2d.; 14 lb., 4s. 6d.; 4s. 9d.; less, 5s. 3d.

CODEINE.—Current prices per oz. for lots are as follows: BASE.—½ oz., 55s. 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 4 oz., 50s. 3d. HYDROCHLORIDE.—½ oz., 1 oz., 47s. 6d.; 2 oz., 46s.; 3 oz., 45s. 4 oz., 45s. PHOSPHATE.—½ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 38s. 9d.

DIAMORPHINE.—Current rates per oz. for small quantities are as follows: BASE.—58s. 6d.; 1 oz., 56s.; 2 oz., 54s. 6d.; 3 oz., 53s. 9d.; 4 oz., 53s. 6d. HYDROCHLORIDE.—½ oz., 54s. 3d.; 1 oz., 51s. 9d.; 2 oz., 50s. 3 oz., 49s. 6d.; 4 oz., 49s. 3d.

ETHYLMORPHINE.—Small quantities are sold per oz. by makers as follows: B.—½ oz., 61s. 6d.; 1 oz., 59s.; 2 oz., 57s. 3 oz., 56s. 9d.; 4 oz., 56s. 6d. HYDROCHLORIDE.—½ oz., 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s.

GLUCOSE.—Powdered monohydrate for home trade is quoted as follows: 14 lb.—in 14-lb. lots, 11½d. per lb.; 28 lb.—in 14-lb. lots, 11½d.; in 28-lb. lots, 10½d.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID.—1 oz., 97s. 6d.; 4 oz., 92s. 16 oz., 87s. 6d. (4s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 2 oz., 70s.; 16 oz., 65s. (3s. 2d.).

IODINE PREPARATIONS.—Current home quotations are: POTASSIUM IODIDE, B.P.—11 lb., 9s. 3d.; 28 lb., 9s. 9d.; 14 lb., 10s. 3d.; 11s. 9½d.; 4 lb., 12s. 3½d.; smaller quantities, 12s. 9d. per lb. SODIUM IODIDE, B.P.—2 lb., 10s. 2d.; 14 lb., 10s. 8d.; 7 lb., 12s. 5½d.; 13s. 1½d.; smaller quantities, 13s. 11d. IODOFORM, B.P.—28 lb., 13s. 4d.; 14 lb., 13s. 7 lb., 16s. 0½d.; 4 lb., 16s. 10½d.; smaller quantities, 17s. 8d. IODOFORM CRYSTALS.—25 lb. above powder prices. IODINE RESUBLIMED, B.P.—112 lb., 10s. 8d.; 28 lb., 11s. 14 lb., 11s. 8d.; 7 lb., 13s. 5½d.; 4 lb., 14s.; smaller quantities, 14s. 10d.

LACTATES.—Prices are as follows: LACTIC ACID.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. CALCIUM LACTATE.—Smaller quantities, 2s. 5d. per lb. CALCIUM SODIUM LACTATE.—Powder, small lots, 3s. 7d. per lb.; 14 lb., 3s. 4d.; 28 lb., 3s. 2d.; granular, penny per lb. extra.

MAGNESIUM CARBONATE, HEAVY.—Home market prices per lb., in lots of 28 lb.—1 cwt., are as follows (containers in brackets): 1s. (1-lb.); 1s. 5½d. (4-lb.); 1s. 4½d. (7-lb.); 1s. 4d. (14-lb.); 1s. 3d. (28-lb.). Prices are net, one month.

MAGNESIUM CARBONATE, LIGHT.—Prices per lb. for the home market, in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 1s. 4d. (1-lb.); 1s. 2½d. (4-lb.); 1s. 1½d. (7-lb.); 1s. 1d. (14-lb.); 1s. (28-lb.).

Crude Drugs

—Good inquiry from the Continent for serological use, but available supplies sufficient to meet this demand.

ANACARDIUM.—Cape on the spot would be worth 100s. per cwt.; forward value is quoted at 110s. c.i.f.

ANACARDIUM.—Demand continues to be heavy, supplies not plentiful. Prices are: minimum 99.6 per cent. regulus, £132 10s.; minimum 99 per cent., £125; 70 per cent. for the home trade, £105 per ton, delivered.

ANACARDIUM.—Dealers' quotations for spot are steady at 75s. per cwt.; shipment, 75s. c.i.f.

ANACARDIUM.—Low-testing Indian root is on spot at 2s. 9d. per lb. Some good English leaves (0.449 per cent.) are available at 5s. 3d. to 5s. 6d. per lb.

ANACARDIUM.—Minimum 5-cwt. lots of metal to be quoted at 9s. per lb.

ANACARDIUM.—Small spot supplies are at 5s. per lb.

ANACARDIUM.—Chinese powder afloat is quoted at 6d. to 13s. per lb., duty paid. Offers of Chinese tablets for shipment from China at 2s. 6d. per lb., c.i.f., but no business is reported.

ANACARDIUM.—Scarce, with prices firm. Seed, spot, 8s. 6d. per lb.; Aleppo 7s. 6d.; Mangalore heavy, 7s.

ANACARDIUM.—Quiet conditions obtain. Momot, sellers at 145s. per cwt.; shipment, 145s., c.i.f., buyers' licence.

ANACARDIUM.—Small spot lots of chips may be obtained at 2s. 2d. per lb.; quills are not available.

ANACARDIUM.—Quiet. Spot sellers of Zanzibar at 100s. per lb.; shipment, May-June, 95s. c.i.f., buyers' licence.

ANACARDIUM.—Silvers and blacks are both quoted at 5s. 6d. per lb.

ANACARDIUM.—Fair white pulp on the spot is worth 2s. 6d. per lb.

ANACARDIUM.—Portuguese, spot, 130s. per cwt.; English, 2s. 6d. per lb.

ANACARDIUM.—Kordofan cleaned sorts, spot, 75s. per cwt.; bleached, 145s.; cleaned, 42s. 6d.

ANACARDIUM.—Egyptian (*muticus*) is quoted at 90s. per cwt.; Indian, 250s.

ANACARDIUM.—Indian No. 1 gum, spot, 200s. per cwt.

ANACARDIUM.—Spot prices unchanged; business quiet. African quarters, 8d. per lb.; halves, 6d.; Jamaican washed halves, 7d.

ANACARDIUM.—Natural Anatolian is on spot at 90s. per cwt.

ANACARDIUM.—Export demand continues good. Price now at 31s. per lb., in bond; for Brazilian is at 32s. 6d. to 33s. 6d. duty paid.

NUX VOMICA.—Cochin, spot, 45s. per cwt.; shipment, 39s. 6d., c.i.f.; Mangalore, spot; 37s. 6d.

ORANGE PEEL.—Spanish quarters, now landing, 2s. 9d. per lb.

PAPAIN.—East African is steady at the higher figure of 18s. 6d. to 19s. per lb. noted last week.

PIMENTO.—Quiet, with spot sellers at 1s. 3d. per lb.; shipment, 122s. 6d. per cwt., c.i.f., buyers' licence.

QUILLAIA BARK.—Supplies are limited; prices are: natural, 115s. per cwt.; cut, 135s., ex warehouse.

RHUBARB.—Common-round, afloat, 13s. per lb., landed; forward, 11s., c.i.f.

SANDARAC.—Spot, 5s. 6d. per lb.

SARSAPARILLA.—Red Jamaican, spot, 3s. 3d. per lb.

SEEDS.—Current prices are as follows: CORIANDER.—Spot, Morocco, 130s. per cwt.; Indian, 125s. CUMIN.—Spot, Indian, 195s., quoted. DILL.—Spot, Indian, 80s. FENNEL.—Spot, Indian quoted at 185s. FENUGREEK.—Spot, Indian, 77s. 6d. to 80s. CELERY.—Spot, Indian, quoted at 1s. 6d. per lb.

TURMERIC.—Spot, Madras, quoted at 95s. to 100s. per cwt.; for shipment, 85s., c.i.f., now quoted.

WAXES.—The higher rates for CARNAUBA noted recently are maintained. Fatty grey, spot, sellers at 1,050s. per cwt.; chalky, 1,030s.; prime yellow, 1,200s.; shipment, fatty grey, 950s.; prime yellow, 1,075s. BEES'.—Quoted on the market as follows: Dar-es-Salaam, spot, 320s. per cwt.; afloat and May-June shipment, 305s., c.i.f.; Benguela, spot in bond, 285s.; May-June shipment, 275s., c.i.f.; Abyssinian, May-June shipment, 280s., c.i.f. OURICURI.—Spot, nominal; to arrive, 620s. per cwt., c.i.f., 7 per cent. basis. CANDELILLA.—Spot, nominal; to arrive, May-June dispatch, 505s. per cwt., landed terms.

Essential and Expressed Oils

CASTOR.—Official quotation for bulk supplies of "firsts" is £82 per ton, and that for "seconds," £80, both naked ex works.

CLOVE.—English-distilled bud oil is steady at around 12s. per lb.

COCONUT.—The following are the fixed prices for bulk quantities: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

COTTONSEED.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised, £58, naked ex works.

GROUNDNUT.—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°-52°, £63.

LINSEED.—Crude, £65 per ton for bulk supplies, naked ex works.

TRADE MARKS

(From "The Trade Marks Journal,"
May 1)

- "ALKA-VESCENT"; for all goods included in class 5 (5). By Reginald Malcolm Broadhead, Westmount, Seaview Road, Broadstairs, Kent. B638,070.
- "PANLYCION"; for pharmaceutical preparations and substances (5). By Societe de Financement Industriel et Commercial, c/o McKenna & Co., 14 Waterloo Place, Pall Mall, London, S.W.1. B638,586.
- "KILFUNG"; for fungicides, insecticides and preparations for killing weeds (5). By Ashe Laboratories, Ltd., 120-22 Victoria Street, Westminster, London, S.W.1. B638,646.
- "ANTALEX"; for pharmaceutical products (5). By Jean La Camera, c/o F. J. Cleveland & Co., 29 Southampton Buildings, Chancery Lane, London, W.C.2. 639,083.
- "PERMOID"; for hair-waving and hair-curling appliances and hair-cutting machines, all being hand tools; tweezers, nail files, hair and nail clippers, shaving instruments (8). By Permold, Ltd., 56 Clerkenwell Road, London, E.C.1. 635,390 (Associated).
- "ALPHA PLUS"; for hypodermic syringes, hypodermic and surgical needles, surgical instruments (10). By Norman Phethean, Ltd., 26 Croydon Road, Caterham, Surrey. 638,541.
- "SHEEPLYLAND"; for powder puffs, made of sheepskin (21). By Sheep-Fur Co., Ltd., 5A Vivian Avenue, Hendon Central, London, N.W.4. B638,057.
- "EMSA"; for brushes included in class 21, and material for cleaning purposes (21). By The Emsa-Works & Herbert Foot Appliance, Ltd., Paterson Street Mill, Paterson Street, Blackburn, Lancashire. 639,408.

(From "The Trade Marks Journal,"
May 8)

- Device of aeroplane; for industrial and scientific chemical products, anti-freezing preparations (1); soaps, perfumery and essential oils, etc. (3). By Valay Products, Martyn Road, Guildford, Surrey. 635,994-96 (Associated).
- "XYLESTANE"; for chemical products used in industry, agriculture, horticulture and forestry (other than insecticides, fungicides and weed-killers), chemical substances for preserving foodstuffs (1); for pharmaceutical, veterinary and sanitary substances, insecticides, vermin destroyers (5). By Imperial Chemical Industries, Ltd., Wexham Road, Slough, Bucks. 638,529-30 (Associated).
- "LYNATOL"; for perfumery, toilet preparations (not medicated) and cosmetic preparations (3). By Douglas Saloons, 6 The Meadows, Fawdon, Newcastle-upon-Tyne, 3. 638,501.
- "MELRY"; for detergent and cleaning preparations (3). By Robert McBride (Middleton), Ltd., Irk Vale Works, Middleton, Lancs. 639,166.

- "POLO"; for perfumery, toilet preparations (not medicated), cosmetic and depilatory preparations, dentifrices, soaps, toilet articles (not included in other classes) except powder boxes (3). By H. C. May, Berners Street, London, W.1. 638,701.
- "GLOSTIME"; for perfumes, cosmetic preparations, toilet preparations (not medicated) and sachets for use in hair waving (3). By Lennard, Lee-Narvill & Co., Ltd., Narvill Laboratories, 216 Anlaby Hull. 639,219.
- "ZANTHIA"; for toilet preparations (not medicated), soap, perfumery, hair lotion dentifrices (3). By Alfred Edward S. Hull, 48 Link's Estate, St. Mary's New Romney, Ashford, Kent. 639,261.
- "SHADFRICE"; for dentifrices (3). By forth Prescription Service, Ltd., 63 Road, London, E.3. 639,339 (Associated).
- "ZULNA"; for perfumery, toilet preparations (not medicated) cosmetic preparations, dentifrices, depilatory preparations, articles (not included in other classes) sachets for use in hair-waving, soap essential oils (3). By Henry Roberts, 25 South Street, Keighley. 639,500.
- "CARNALIA"; for perfumery, toilet preparations (not medicated), cosmetic preparations, dentifrices, depilatory preparations, articles (not included in other classes) sachets for use in waving the hair, soap essential oils (3). By Vine's Ltd., 2 Harrow Road, Paddington, London, 2. 639,505.
- "TIFIX"; for pharmaceutical preparations and substances, antiseptics and disinfectants (5). By Mary Irene Downing, 120 Road, Oldham, Lancashire. 637,570.
- Signature of Charles Cruft superimposed on two C's (the two letters "C.C." disclaimed); for veterinary preparations (5). By Charles Edward Cruft, 39 Downsway, Sandhurst, Surrey. 637,878 (Associated).
- "FURESTANE"; for pharmaceutical, veterinary and sanitary substances; insecticides, preparations for destroying vermin (5). By Imperial Chemical Industries, Ltd., Wexham Road, Slough, Bucks. 638,526 (Associated).
- "DILDENE"; for medicated ointment (1). By Hugh Arthur Dille, 45 Amy Street, Narborough Road South, Leicester. 639,219.
- "VENITEX"; for pharmaceutical preparations and substances (5). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 639,202.
- "SUNRAY"; for fly papers (5). By Types Ltd., 8-10A Johnson Street, London, E.1. 639,243.
- "BIOSMOS"; for preparations for the relief of pain and inflammation caused by wounds, boils and stings (5). By Coleman & Co., Wincarnis House, 112-14 Prince of Wales Road, Norwich. 639,338.
- "MELUSINO"; for medicated wines (5). By Cheritone Co., Ltd., 149 Farringdon Road, London, E.C.1. 639,521.

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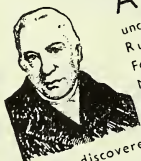
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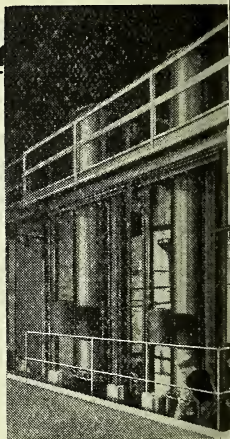
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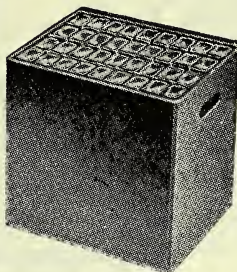
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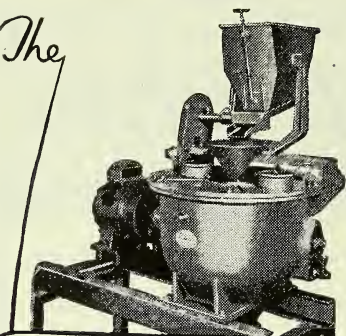
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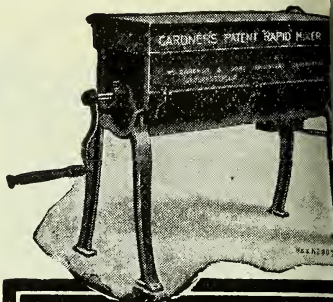
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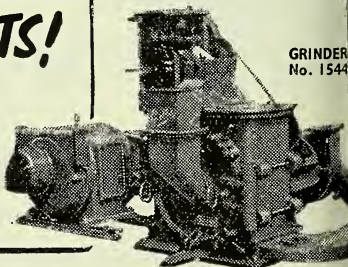
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FITTING ALL TYPES OF SAFETY RAZORS
DOUBLE EDGED BLADES

A PRODUCT OF THE PIONEERS OF
BRITISH SAFETY RAZOR BLADES

BY JOHN WATTS (SHEFFIELD & LONDON) LTD
ESTABLISHED OVER 150 YEARS

JOHN WATTS
(SHEFFIELD & LONDON) LTD
LAMBERT WORKS, SHEFFIELD,
LONDON: 18, SOHO SQUARE, W.

"LEDA" BREAKS THE BOTTLE NECK!

Are you tired of handling "bottle" lines with their high cost of carriage, packing and breakage rate? Are you annoyed with your suppliers blaming the bottle shortage for non-delivery of your orders? Leda provides the answer, by introducing an ENTIRELY NEW HOUSEHOLD PREPARATION LEDA PINE POWDER!!! Packed in attractively printed 1-lb. tins!

"Leda"
BRAND OF

**PINE
POWDER**



A small handful of LEDA PINE POWDER, dissolved in water by the housewife, produces several gallons of a FRAGRANT, PINE-SCENTED FLUID with high detergent and disinfectant properties — entirely replacing the old-fashioned bottled pine fluids.

A NE REPEATABLE LINE WITH WHICH YOU CAN INTRODUCE WITH CONFIDENCE.

ABUNDANT SUPPLIES AVAILABLE

No purchase tax is payable in respect of this product.

WHOLESALE ONLY SUPPLIED

Enquiries and prices from the manufacturers.

BACKED BY NATIONAL ADVERTISING

LEDA
CHEMICALS LTD.



ALPHA WORKS
ARCHWAY ROAD
LONDON, N.19
Tels. ARChway 4544 & 1024



the curl that counts

You'll find it on the new distinguished bottle label . . . you'll see it in advertising throughout the country . . . it's the new motif for Bandbox . . . the really scientific soapless shampoo. Launched only a few months ago, it was an instant success . . . now, in its new dress it brings an even stronger appeal to every woman.

Terms are generous . . . 33% on every sale. Retailers at

2/- (4-oz. size) 160/- per gross and 7/6

(16-oz. size) 50/- a dozen

plus P.T.

bandbox *soapless shampoo*
really scientific

Ashe Laboratories Ltd., 120/122, Victoria Street, S.W.1 and at Liverpool and Glasgow.

Carlton

SOAPLESS CONCENTRATE



MAKES GOOD THE SOAP SHORTAGE!

THE FRAGRANT • IDEAL FOR THE SKIN & FOR
SAFE, EFFICIENT WASHING OF DELICATE FABRICS,
SILKS, STOCKINGS, NYLON, WOOLLENS, ETC.

Wholesale Price **2/3**
(per Bottle)

Even if soap were plentiful again your sales of Carlton Soapless Concentrate would keep growing! Customers prefer it for its economy; for its rich refreshing pine-fragrant lather; for the pleasant way it promotes a satin smooth skin; for its safe, gentle washing of precious silks, and Nylon, for which it is especially recommended. Lathers in hard water as well as in soft. Give Carlton Soapless Concentrate the good showing it deserves!

CARLTON LABORATORIES LTD.
JOINERS ARMS YARD, DENMARK HILL, LONDON, S.E.5

DON'T LET THIS HAPPEN TO YOU!



WE'RE
OUT OF
VALDERMA
AGAIN!

Always Keep a Good Stock of this Fast-selling Line

Valderma has quickly established itself with the Public as the leading Antiseptic Balm. The whole Trade has confirmed this public preference. It will be maintained (a) because Valderma is a fine product; (b) because powerful advertisements are seen by over 35,000,000 people every month! Make sure you get your share of this good business. Keep a good stock of Valderma in hand.

ORDER TODAY. STANDARD SIZE 2/- a jar including tax. Trade price 15/- per doz. Purchase Tax 2/6 per doz.

LARGE SIZE 3/6 a jar including tax. Trade price 26/- per doz. Purchase Tax 4/4 per doz.



DAE HEALTH LABORATORIES LTD., 25/27, BERNERS STREET, LONDON,

**Continuous and Steadily Advertised Goods
FOR DESTROYING RATS AND MICE****DANYSZ VIRUS**

Retail Price	Mice (Protected)	Net Wholesale Price
Rats and Mice, single tube, 2/-	3 tubes, 5/-	15/- per doz.
Mice only, single tube, 1/6	3 tubes, 3/-	9/-
Used tubes returned to us postage paid will be exchanged free of charge.		

Danzysz Virus in Liquid Form

Retail Price	Wholesale Price
1 oz 6/- each	4/6 each
4/6 "	3/9 "

**HALLER'S EXTRACT OF SQUILL and
DANZO RAT KILLER**

Discount off Retail Prices 25% Monthly Account, or 33 1/3% Cash with Order.				
		Monthly A/c		Cash with Order
1 gal	as	10/-	7/6	6/8
1 "		18/-	13/6	12/-
5 "		80/-	60/-	53/4

DANZO BEETLE POWDER

For Retail Price	Wholesale Prices
1 lb 9d. each	6/9 per doz.
1/6 "	13/6
3/- "	27/-

Beetle Powder will not deteriorate by keeping.

CARRIAGE PAID ON ALL ORDERS

To be obtained from

HALLER LABORATORIES, LTD.3 Borough High Street, LONDON, S.E.1
Telegrams: "Virudana, Sedist, London." Telephone: HOP. 7717

It's no gamble to stock

TOWN TALK

The Silver Polish which ensures regular and discriminating customers, to whom your other wares will also appeal.

ORDER DIRECT OR FROM

MANCHESTER: D Mawdsley & Co James Woolley Sons & Co., Ltd	NEWCASTLE-ON-TYNE: Wilkinson & Simpson, Ltd.
LEEDS: Goodalls (Leeds), Ltd.	LONDON: Brooks & Warburton, Ltd.
LEICESTER: E. H. Butler & Son.	LIVERPOOL: Butler & Crispe Ayrton, Saundert & Co., Ltd.

THE TOWN TALK POLISH CO., MANCHESTER, 10

Sorry CONTAINERS ARE SCARCE
WE HAVE TO SAVE THEM FOR C.R.S.

Please don't let containers go out of your shop—even to oblige your nicest customer! It's almost impossible to get packing material these days, and the way to ensure future deliveries is to return your containers to the C.R.S. collecting van when it calls at your shop.

- 1** Take care to see lids of wood boxes are returned in good condition, please.
- 2** Store C.R.S. wood and fibre-board cases out of the weather until collection.
- 3** Fold C.R.S. cartons FLAT—with flaps sticking OUT (otherwise flaps have to be untucked before re-use).
- 4** Vans collect during normal deliveries. C.R.S. vans provide additional collections at regular intervals. Cash paid on spot.

Authorised Collectors of empty containers for many leading Food, Soap, Toilet and Household Product manufacturers.

CONTAINER RECOVERY SERVICE**S.P.D. LIMITED, UNILEVER HOUSE, BLACKFRIARS, LONDON, E.C.4**

Telephone: Central 7474

Telegrams: Spedeco, Telex, London

C.R.S. does NOT operate in N. Ireland, Isle of Man and Channel Islands

CRS 27A-51



Tintex

THE WORLD'S
LARGEST-SELLING
HOME DYE



VELVEX

RED TRADE MARK

TOILET PAPER

*Now pre-war
quality & reduced
in price!*

PACKETS 1/-

ROLLS 1/3

VELVET
CREPE PAPER CO. LTD.
PRODUCT

VELVET CREPE
PAPER CO. LTD

TOILET PAPER
TISSUE
HANDKERCHIEF

LET "DEL MAR" LOOK AFTER YOUR INTERESTS

Why would you grant your agency to any newly established firm in Egypt?

Why not enquire before granting your agency?

Société Anonyme des Drogueries d'Egypte
late "E. DELMAR"

puts at your disposal its large organisation, with a background of fifty years experience in the pharmaceutical and drug trade, as well as in perfumery and cosmetics.

Head Office: CAIRO, 12 MAHDI STREET
Branches: ALEXANDRIA and PORT SAID

'DIDIT'

The Plus Insect Powder

containing D.D.T. improved by the addition of a Synergist

Retails 1/- per box Costs 8/- per doz.

Attractively packed and nationally advertised. Export and Home enquiries invited.

Manufactured by

RODMILL CHEMICAL CO. LTD.
49 St. Anne Street, Liverpool, 3

Liquinure is the scientifically balanced concentrated liquid manure.

Be sure to have a good stock for spring and summer when our national advertising will be at the height. Packed in 2/6 bottles (General and Tomato). Also FLOWER SPECIAL in 3/- bottles.

Obtainable from your wholesaler.

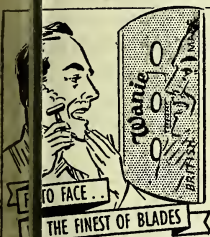
LIQUINURE SALES
27 Burnt Oak Broadway, Edgware, Mx.



ELASTICS LTD.**BOTTLES & JARS**

A WIDE RANGE OF BOTTLES AND
JARS NOW AVAILABLE FOR
PACKING PERFUMERY & TOILET LINES
FOR EXPORT ONLY

SABURY HOUSE — FINSBURY CIRCUS
LONDON, E.C.2 'Phone: MON 6200

**Wanie****RAZOR BLADES**

Supplies are short but
definitely worth asking
your wholesaler for.
Twenty-five years
reputation for finest
quality still maintains

LONDON AND PROVINCIAL FACTORS LTD
HOUSE, 230 Tottenham Court Road, LONDON, W.1
TELEGRAMS: WANIEBLADE PHONE LONDON

TEL: MUSEUM
9646

**IMPTON BROTHERS
LIMITED**

**Direct Importers
of
HONEY**

*Suppliers to
Manufacturing Chemists
for over 60 years*

IMPTON BROS., LTD.**15 FENCHURCH ST., LONDON, E.C.3**

TELEPHONE: ROYAL 2234/5

Company Meeting**M. CALTHORPE & CO. LTD.****Vironita Progress**

The annual general meeting of M. Calthorpe & Co. Ltd. was held at their head office, at Ossett, Yorks. on the 17th inst. Mr. James Denton in the course of his speech said, "Our company like most other businesses has been severely restricted during the war years, due to the shortages of raw materials and many other restrictions. In spite of this, however, we have been able to maintain our output of Vironita during 1945 and the sales for the first three months of 1946 have shown a decided increase. We are now reaching the stage where the necessary raw materials are becoming more readily available, and we can very soon look forward to full production. This will enable us to meet the very heavy demand which is being made for our product Vironita.

During the war years we have been able only to fulfil about two thirds of our orders, and we have had to curtail considerably our selling activities. We have, however, endeavoured to share out the available supplies so that there are very few towns or even villages where Vironita is not sold. Already Vironita is a very well known household name.

I am pleased to inform you that our modern factory which had been occupied by the R.A.F. since 1941, has now been de-requisitioned. We expect to be in production there on June 12th when we should then be in a position to meet all our orders in full. This factory is capable of doubling our present output.

For some considerable period we have been making preparations for export business, getting ready for the time when supplies are available. As soon as we have been able to satisfy the home market we intend to put these plans into operation. Already we have been offered substantial export orders, which we have accepted for delivery when supplies are available.

The abolition of E.P.T. will have a very "beneficial effect" on this company, and should prove to be a good "tonic," giving us the necessary incentive to build up this company into an even healthier Business."

The Directors' Report was unanimously approved. The retiring Director, Mr. Stephen Denton, was re-elected and the Auditor, Mr. G. L. Hirst of Dewsbury, was re-appointed.

JOHN CANADIAN has money in the Bank



NINE billion dollars more savings than 1939 — this is the war-time record of the Canadian people. In war bonds, bank accounts and other savings they have built up a backlog of purchasing power more than three times as great as in pre-war days.

Canadians are eager and able to buy. Are you planning to capitalize on this pent-up purchasing power?

Facts for your CANADIAN MARKET FILE

Cockfield, Brown & Company's monthly bulletin, "*Economic and Business Trends*", supplies in brief, authoritative form many of the facts you may want to know concerning this waiting Canadian market.

If you would care to receive regular copies, simply write Cockfield, Brown & Company Limited, Canada Cement Company Building, Montreal, Canada.

Cockfield, Brown
& COMPANY LIMITED

MONTREAL • TORONTO • WINNIPEG
VANCOUVER

This leading Canadian advertising agency offers British businesses complete advertising and marketing service in all parts of Canada. Your enquiry is invited.

MACAULAY'S Family LUNG SYRUP



National Advertisers and recommendations creating very heavy demand. Early or essential as supplies are strictly limited.

The public know and value Macaulay's

LET THEM SEE YOU STOCK IT!

Obtainable from all P.A.T.A. Wholesalers

P.A.T.A.

FINEGAN'S
NIP-A-KO'S
REC'D



*The famous
medicated
Confection*

- NOT ON POINTS
- RATIONED SUPPLIES

SOLE MANUFACTURERS

J. FINEGAN & SON
SMETHWICK 40, Staffs



CLINICAL PRODUCTS LTD., RICHMOND, SURREY.

*manufacturers of

MENOPAX

PREPARATIONS

announce that as from **APRIL 1st 1946**

they have decided to transfer the Distribution of Menopax Preparations to:

MESSRS. S. MAW, SON & SONS, LTD.Aldersgate House, **NEW BARNET**, Herts.who will as and from that date, act as **SOLE DISTRIBUTORS**
for these products in Great Britain and Northern Ireland.**NORTHERN IRELAND**Harry J. R. Mayrs & Co. Ltd., Royal Chambers, Royal Avenue, Belfast,
will act for Maw's of Barnet in this territory.

"Please send orders to Maw's of Barnet and Mayrs' of Belfast respectively."



"The Eyes Best Friend
for Years"

Optabs

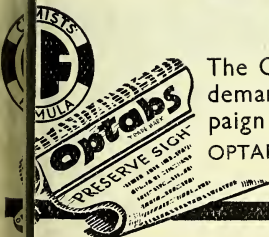
EYE LOTION TABLETS



The Optabs season is here! Be prepared for the demand created by the aggressive advertising campaign now being placed covering the entire country.

OPTABS LTD., 24, 26, 28 CHAPEL STREET, BRADFORD

Telephone: BRADFORD 12028



Have you a

PETS CORNER ?



Have you weighed up the idea of making the dogs and cats in your district into customers? Pet welfare is becoming an increasing public interest. Pet owners are consulting experts about the health of their dogs and cats. Every chemist can turn these facts to profitable advantage by stocking George Bell's Blood Salts for Dogs, and Cat Powders

Send for trade price list to

**BELL & SONS, LTD., Veterinary Chemists
LIVERPOOL 13**

GEORGE

BELLS

**BLOOD SALTS *for Dogs*
CAT POWDERS**

SANGENE

Brand

PRODUCTS

announce that their

★ **ANTISEPTIC INFANTS
DUSTING POWDER** ★

*in Sprinkler Tins is a
delightfully packed*

NURSERY REQUISITE

*Distributed by S. MAW, SON &
SONS, LTD. of NEW BARNET*



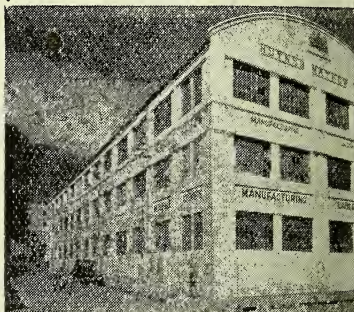
SANGENE PRODUCTS LTD

33 EASTCHEAP, E.C.3

'Phone: MAN. 2712

HEYNES MATHEW
LIMITED

ESTABLISHED 1836



CAPE TOWN

**SOUTH AFRICAN
MARKET**

The attention of British manufacturers is directed to the economy that can be effected by having the Patent and Proprietary preparations produced and marketed in South Africa.

In our well-equipped modern factory controlled by a highly qualified and experienced staff we now act for a number of overseas houses who can testify to our ability and integrity.

★ *Enquiries are solicited through our
London representatives:*

DAVIS & SOPEL
LIMITED

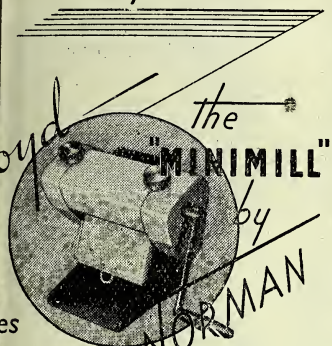
54 ST. MARY AXE, E.C.3

HEYNES MATHEW LTD.

*Manufacturing Chemists and Pill and Table
Specialists.*

7-9 BREE ST., CAPE TOWN

For the discerning Chemist
and Laboratory



Write for
bulletin A.50

Relates

- PESTES
- TREATMENTS
- PRINTING INKS
- PESTS
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The Boyd-Norman Mfg. Corporation
45 Fincham Rd., Chelsea, London, S.W.10
GRAMS: NORFACTO, LONDON

GIBSON Brand **MECCA PASTILLES**

Can still be obtained, but only in limited quantities.

Order now and you may rest assured that we will meet your demands so far as we possibly can under the present circumstances.



Sole
Manufacturers

ROBERT GIBSON & SONS, LTD.
MANCHESTER & LONDON

SUPPORT THOSE WHO SUPPORT YOU



Per-de-Co, the established
denture adhesive with tens of
thousands of regular users, is
the **ONLY** denture adhesive
which, although publicly ad-
vertised, can be purchased
from chemists only.

CHRISTY'S

PER-DE-CO

Sole Distributors:

THOS. CHRISTY & CO. LTD. · FARNHAM · SURREY

FARNHAM 5796

+ Stops

SCURF

Dr. Page-Barker's
Scurf & Dandruff Lotion

If you find any difficulty in obtaining supplies send us the name of your usual Wholesaler and we will do our best to assist you.

Sole Manufacturers and Proprietors—

ILEX SUPPLY CO., LTD. 252b GRAYS INN ROAD, W.C.1Trade **18/-** doz.Plus Tax **ONE SIXTH**Retail **2/9**

A credit to the Chemist's window, and a quick mover across his counter: this Glue has the strongest hold of any, AND STAYS SOFT IN THE JAR !!

Always
Ready**ACRABOND**

SMARTEST PACK
& NATIONALLY
ADVERTISED

1/- and 1/6

AND THE
HANDICRAFTER

SIZE AT 3/-

Distributed
in Scotland by
**THE SOUTHERN
MANUFACTURING
CO. LTD.**

157 St. Vincent St
GLASGOW, C.2

ACRA WOODTURNING COMPANY LTD.
King's Head Buildings, Cloth Hall Street, Huddersfield

**For health and
hygiene in the home**

1. Boon Products embody the highest quality of antiseptics, of higher, more uniform germicidal power than those previously available. 2. New bases enhance the healing efficiency of these antiseptics. 3. Boon Products are pleasant to use, non-poisonous, non-irritant, non-staining. Full particulars (packings, terms, etc.) from the Sole Distributors to the Chemist Trade:—

S. MAW, SON AND SONS LTD

Aldersgate House, New Barnet, Herts.

Manfrs: **P.A.C. CHEMICALS LTD., EPSOM, SUR**

P.A.T.A.



*Ample supplies
available
In case of difficulties
communicate direct with us*

RETAIL
PRICE

50's — 2/4

500's — 27/6

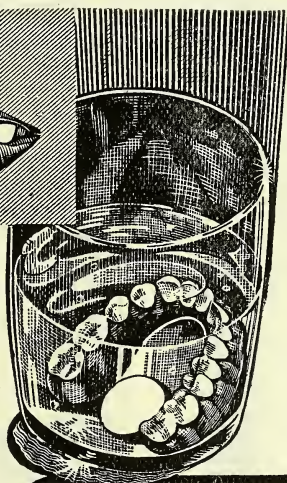
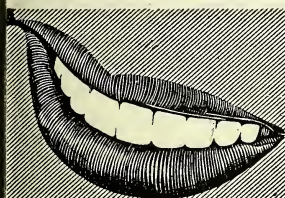
(INCLUDING PURCHASE TAX)

TAXOL

BIOLOGICAL TREATMENT OF

CONSTIPATION

CONTINENTAL LABORATORIES LTD. 101, Gt. Russell Street, W.C.1.



*Safe for
Acrylics*

Recommended
by Members of the
Dental Profession.

TOXADENT LTD.
24, 26, 28, CHAPEL ST.,
BRADFORD.

Telephone: Bradford 12028

ORDER NOW the
non-bleach Denture
Cleanser, harmless
to acrylics and metals,
powerfully adver-
tised.

Toxadent Regd
DENTURE TESTED TABLETS

At 5 months baby needs a CEREAL FOOD

Recommend M.O.F.—the *fortified* Infant Cereal

AT about 5 months mixed feeding should begin. At this stage it is usual to include a cereal food in the infant's diet. This is the time when an infant needs M.O.F. — the fortified infant cereal.

M.O.F. is a finely sieved oat flour fortified with Vitamin D, Calcium, Phosphorus and Iron and specially processed for quick cooking.

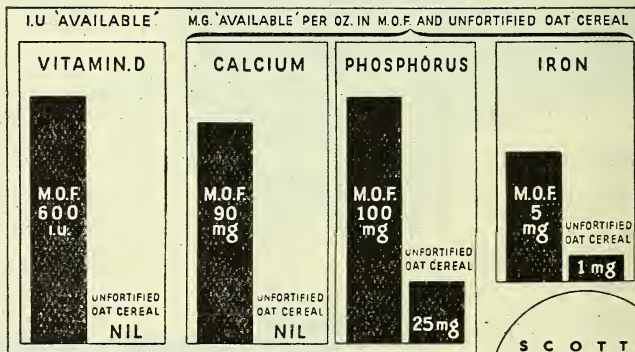
WHEN AND HOW TO GIVE IT

The use of M.O.F. normally begins with the introduction of mixed feeding. It should be made to a thick consistency and may be spoon fed before the normal breast or bottle feed. Small quantities given at first should be increased as the infant progresses, M.O.F. forming one of the staple factors of a mixed diet.

Where artificial feeding must start at an early age M.O.F. can be given as from 3 months.

HOW DOES IT COMPARE WITH OTHER CEREAL FOODS?

One of the reasons why progressive medical opinion recommends M.O.F. is because it is more than a cereal. M.O.F. is a fortified food. How it compares with non-fortified infant cereals can be seen in this chart.



M.O.F. IS PREPARED BY A. & R. SCOTT LTD.
WEST MILLS, COLINTON, MIDLOTHIAN, SCOTLAND.



The CHEMIST AND DRUGGIST SUPPLEMENT

Supplement is included in every copy of Chemist & Druggist

MAY 25
1946

28 ESSEX STREET, LONDON, W.C.2

Printing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra.

SITUATIONS OPEN

40 words or less, 2d. for every additional word.

RETAIL (HOME)

N & HANBURY, LTD., offer excellent experience to young pharmacists. Hours to 5.30 p.m. Apply: Manager, Allen & Sons Ltd., 7 Vere Street, W.1.

LIFED Chemist required. Management. Senior Unqualified. West-End Pharmacy. Applications to 968/195, C. & D. Office.

TANT, fully qualified, required for permanent position in department store. No holiday pay duty. Write giving age, experience and references to Staff Controller, Bentalls of

LANCY has occurred of a permanent and progressive nature in well-known drug store, possibility of Assistant Managership if satisfied. Must have some knowledge of still photography. Good salary. Replies in stating age, experience, married or single, to Deacon, 29 High Street, Wisbech.

INGHAM. Qualified Branch Manager required for busy Middlesex business. Salary commission offered. Full particulars, please, to Highfield, Ltd., Bearwood Road, Smethwick.

HTON. Competent Assistant, Qualified or experienced Unqualified, good salary. Ladyleman. Good-class family and dispensing. Apply: G. R. Davies, 12 Matlock Road.

HTSIDE & CARBROOK CO-OPERATIVE CHEMISTS' LTD., require the services of a Qualified Lady Pharmacist. Permanent. Good wages and conditions. Superannuation in operation. Applications to be made to General Secretary, 32 Sycamore Street,

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FAMOUS store opening shortly a fine new drug, surgical and dispensing department, requires services of fully qualified Pharmacist and Unqualified Assistant. Good wages, regular working hours and many other added advantages. 973/345, C. & D. Office.

HASTINGS. Assistant (Unqualified), male or female, required at once. Please state full particulars in first letter. No extra duties. Dewe, 87 Mount Road, Hastings.

HOLBORN. Smart, Unqualified Assistant wanted, lady or gent, for busy city pharmacy. Congenial post. Apply:—Mr. J. Milner, c/o Cross Chemists, 240 High Holborn, W.C.1.

LEICESTERSHIRE. Qualified Manager required for Pharmacy in country district. Good prospects to anyone able to revive somewhat neglected business. Modest living accommodation available. Permanency. Apply 969/234, C. & D. Office.

LONDON, S.W. Lady Pharmacist required for dispensing. All female staff. Permanency. Owner going abroad. 972/331, C. & D. Office.

LONDON. Pharmacist required to manage high-class semi-West-End type business. Must be well experienced and thoroughly reliable. Saturday half holiday. No Sunday duty. Apply 969/235, C. & D. Office.

LONDON, W.2. Energetic Manager required for working-class branch pharmacy. Must be used to N.H.I. dispensing. Apply stating salary required to 970/237, C. & D. Office.

LONDON, N.10. Required Lady Assistant for good-class counter trade and dispensing. Hall qualification. Apply: Proctor Cole, Ltd., 21 Station Parade, Muswell Hill.

MAIDENHEAD. Unqualified Assistant wanted. Comfortable and congenial post in pleasant locality. Usual particulars and salary required to A. J. Hall, Ltd., 97 High Street, Maidenhead.

MANAGER required for West End type Pharmacy in Central London. Experienced man able to control staff and develop business. Saturday half day. No Sunday duty. Apply giving full particulars and salary required to 973/359, C. & D. Office.

MIDLAND City. Manager wanted for family suburban business in nice neighbourhood. Possibility of good accommodation later on premises if not urgently needed. Congenial post with good conditions. 969/233, C. & D. Office.

M.P.S. and two Chemists Assistants required for new department to be opened in large departmental store in the Midlands. Write giving full particulars of qualifications and experience. 971/294, C. & D. Office.

NORTHAMPTON. Qualified Assistant, male or female, required for retail pharmacy and for relief at branches in the district. Excellent opportunity for ex-Forces pharmacist to gain experience of high-class pharmacy. Permanency with good prospects. Full particulars in first letter to P. Jeyes & Co., Ltd., Northampton.

OPPORTUNITY for first-rate Manager to have financial interest in business in Middlesex offering immense scope. The position is for gentleman of experience and a record of business building. Good basic salary offered. Apply first instance giving fullest details. 973/361, C. & D. Office.

ORRIDGE & COMPANY EMPLOYMENT AGENCY, Columbia House, Aldwych, W.C.2. Chancery 6446-7. Branches at Southampton and Birmingham. Inquiries invited from all employers seeking staff. Many pharmacists and unqualified assistants available for retail and wholesale. Representatives also requiring situations. Reasonable terms. Write to Columbia House for particulars.

PHARMACIST required (Male or Female) as Manager of Branch Pharmacy. Permanent progressive position, short hours, no extra duties. Superannuation scheme. Applications stating age, experience, salary required, to Peterborough Co-operative Society.

PHARMACIST, man or woman, required. Duties chiefly dispensing. Also Unqualified Assistant. Apply: Staff Controller, William Whiteley Limited, Queensway, Bayswater, W.2.

QUALIFIED Manager required for busy middle-class family dispensing business. Applicants must have had good previous managerial experience. Permanency. Good prospects. Please give full details, including age, etc., to Goldthorpes, 10 Powis Street, Woolwich, S.E.18. WOO. 0403.

RELIEF Manager urgently required to act as relief to seven pharmacies, with a view to taking over management of a branch later. Write, stating experience and salary required, to Bates & Hunt (Chemists), Ltd., 24 New Street, Wellington, Shropshire.

SCOTLAND. Qualified, young, single, required immediately for branch. Light family and dispensing business. Good hours, usual holidays. Apply, giving usual particulars, when free.—Murray, 35 Galloway Street, Dumfries.

SOUTHPORT. Qualified lady or gentleman urgently required for dispensing in good-class Pharmacy. Congenial post with reasonable hours. Please send full particulars to J. R. Cave (1922), Ltd., 52, Nevill Street, Southport.

SHEFFIELD. Manageress (or Manager) to replace directed person who preferred hospital work. Pleasant shop in western suburb doing good-class family business. J. Preston, Ltd., 208 West Street, Sheffield, 1.

UNQUALIFIED Assistant required, male or female, for dispensing and counter duties in busy main road Pharmacy. Congenial post, good conditions and wages. 970/238, C. & D. Office.

UNQUALIFIED Assistants with knowledge of dispensing are required for branch pharmacies in Reading, Dover, Ashford, Leamington, Portsmouth and London districts. Good salaries paid to first-class men. Convenient interviews arranged. Apply with full particulars, Retail Staff Manager, Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, London, S.W.1.

UNQUALIFIED Lady Assistant, age between 18 and 25, required for our branch at Wembley. No dispensing. Good prospects and pleasant conditions. Apply in first instance stating age, experience and wages required, to: The United Medicine Company, 22a Bond Street, Ealing, W.5.

WALSALL. Staffs. Unqualified Male Assistant required. Competent and thoroughly experienced dispensing, display and counter. Shelley, Caldmore, Walsall.

WANTED for Kensington. Qualified Lady Assistant for chemist business. Apply by letter in first instance to 968/197, C. & D. Office.

LOCUMS WANTED

QUALIFIED Locum required for two weeks, preferably but not essentially July 22-August 3 inclusive. Salary 11 guineas per week. Apply A. J. Hall, Ltd., 97 High Street, Maidenhead.

QUALIFIED Locum required immediately. Reliable permanency. Full particulars forwarded to the Managing Secretary, Seun Co-operative Society, Ltd., 180 High Seunthorpe.

WHOLESALE

AGENTS required for well-introduced and tested rat destroyer and insecticide. A Box No. 360, Arthur S. Dixon, Ltd., 229/231 Holborn, London, W.C.1.

AGENTS required in many counties in Britain. High commissions on first-class offered to men with good connexions. Full det 968/175, C. & D. Office.

EXPERIENCED Tablet Coater required. Manufacturing Chemists in West London, day week, wages £7 10s., excellent prospects. Applications, with references, to Box 112, St 100 Fleet Street, E.C.4.

EXPERIENCED Tablet Maker required for don House. Permanent and progressive opportunity. Write full particulars. 972/317, C. Office.

EXPORT Invoice Clerk-Typist for manufacturer chemists, N.W. London. Good previous experience essential. Write full particulars, salary required, etc. 972/320, C. & D. Office.

FIRST-CLASS Chemist required immediately to take charge of development laboratory pharmaceutical and fine chemical factory. Previous experience in this or the dyestuffs industry essential. Must be energetic and enthusiastic. High salary good prospects. 972/324, C. & D. Office.

FULL-TIME representatives required by important Manufacturing Chemists to sell wide range of first-class Self Emulsifying Waxes, Perfume, toilet preparations; also good range of cosmetics and fancy goods in (a) Yorkshire, (b) Lancashire, (c) Cheshire. Recent connexion Chemists and dressers desirable. Small salary and expenses generous commission. Worth £1,000 p.a. Present state age, experience, present lines and territory. 973/368, C. & D. Office.

KEEN young Representative required to call on Chemists, Hairdressers and Stores through Warwick, Worcester, Stafford, Shropshire, Derbyshire and Gloucester. Excellent prospect Salary and Commission. Write 973/350, C. & D. Office.

LABORATORY Assistant (female) required for old-established London foodstuffs firm (Dulwich district). Five-day week. Canteen, good prospects. Must have good education to at least General Schools standard. Pharmaceutical or chemical training an advantage. Write stating age, experience, and salary required to 972/337, C. & D. Office.

MANUFACTURING Chemists with progressive policy producing very attractive and popular specialities in unrestricted supply require sole agent on commission basis for the following territory: (a) Midland Counties, (b) Scotland, (c) Bucks, Bedfordshire, Herts, Oxford, Northants, (d) Eastern Counties, (e) Lancs, N. Wales, Salop. Applications will be considered only from salesmen of stability and initiative and with established connexions among retail and wholesale chemists, stores and Co-Operative Good incomes and excellent prospects for selected men. Write in confidence giving details of territory, frequency of calls, lines carried and 973/358, C. & D. Office.

MANUFACTURING Chemists with a national distribution require a Representative with pharmaceutical qualifications, for the Southern Area. Previous travelling experience desirable but not essential, and applications are invited from members of H.M. Forces who have reasonably low gross numbers. Applications, stating age, qualifications and details of previous experience, and salary required 972/333, C. & D. Office.

FACTURING House requires young lady, her qualified or with knowledge of pharmaceutical, as assistant to manager. Interesting hours. No Saturdays. 972/323, C. & D.

FACTURING Chemists require Representatives with retail connexions North, East and West. Salary, Commission. Car Allowance. 973/355, C. & D. Office.

FACTURING Chemists in N.W. London require a chemist for analytical control and increase production of pharmaceutical preparation and progressive opportunity for a ability and initiative. Write, stating age, and salary required. 972/318, C. & D.

required by small Laboratory in Cuffley district to supervise amputing and capsuling of doctors' prescriptions. £400 p.a. applicant considered. 965/995, C. & D.

established firm manufacturing Nationally certified toilet preparations requires two representatives for the following territories: One of London, Middlesex and Herts; one for Lincs, Durham and Northumberland; to chemists, hairdressers and stores. Car owner. Write giving particulars of past experience, etc., to Evan Williams Co., Ltd., Aintree, Merseyside, Middlesex.

AGING and FILLING. Evans Medical Co., Ltd., have a vacancy in their Packaging Department at Speke for a pharmacist with knowledge of large-scale filling and of pharmaceutical products by up-to-date methods. The position calls for initiative and force in management in this type of work. Particulars of experience, qualifications and age to Production Director, Evans Medical Supplies, Speke, Liverpool, 19.

E. DAVIS & CO. require energetic pharmacist, age not more than 30 years, as representative previous experience unnecessary as complete knowledge of personality, and be of good address. Application will be given to applications from chemists still in the Forces. Brief details of employment, also remuneration required, Manager, 59 Beak Street, London, W.1.

ED GOODS. Supervisor required by London firm of manufacturing chemists to take charge of 50 workers. Pharmacist preferred. Plenty of work for introducing modern packing methods. Write giving full details of experience and salary. 972/318, C. & D. Office.

MACIST required in Leeds as Assistant in a laboratory for work in general pharmaceutical formulation of new products, etc.. Apply particulars of age, qualifications, experience required to 971/273, C. & D. Office.

Maker required for London manufacturing firm, to understudy foreman with a view to full control of department in near future. Opportunity for man of ability. Write particulars, experience, salary required, etc. 972/318, C. & D. Office.

ESS WORKER for manufacture pharmaceutical products. Five-day week. May Roberts & Co., Springfield, Upper Clapton, London, E.5.

DUCTION Methods Officer with a knowledge of the basic principles of Time and Motion Study required by a leading pharmaceutical house situated in the vicinity of London. Applicants should be of advising on the organisation of production and be able to supply data to enable standard time to be set for costing purposes or for the introduction of bonus payments. The post is permanent position. Applications, which should give details regarding age, experience, and salary required, should be addressed to Box No. 689, 110 St. Martin's Lane, W.C.2.

QUALIFIED person with previous experience required for laboratory work on the formulation of pharmaceutical products. Only applicants with a versatile mind need apply. Our works are in the Greater London area, and we have notified our staff of the insertion of this advertisement. Box 1621, Scotts, 9 Arundel Street, Strand, W.C.2.

RELIABLE Agents with established connexions wanted in all counties Great Britain to carry quality goods to wholesalers, retailers, exporters, hospitals, institutions, hotels, chemists. State age, connexions, regular territory. Other goods carried. 969/203, C. & D. Office.

REPRESENTATIVE required for well-known firm. Man calling wholesale chemists and sundries. Good living, commission basis and expenses. 973/360, C. & D. Office.

REPRESENTATIVES required. Must be well introduced to chemists, co-ops, and stores (drug depts) and wholesalers, to carry a few ext a well known lines of shampoos (not soapless) and powders, etc., on most generous commission. Territories available: Cornwall, Devon, Somerset, Dorset, Gloucester, Wilts, Hants, Sussex, Essex, Kent, Berks, Bucks, Herts, Beds, Northants, Suffolk, Warwick, Stafford, and Derbyshire. Must have established connexions with the wholesale and retail chemists. Please state territory covered. Reply: 971/280, C. & D. Office.

REPRESENTATIVE required by established Wholesalers and Manufacturers to call on hairdressers in (a) Cheshire and Staffordshire. (b) North-East Coast. Applicants must have full experience in sundries and equipment, knowledge of territory, under 45, car owner. Good prospects to salesmen willing to work and able to sell. Full particulars in confidence. 971/292, C. & D. Office.

REPRESENTATIVE required for West-End of London. Must have sound connexion with departmental stores for the sale of revolutionary bathroom requisites and fancy lines. Sole area vacant. 971/302, C. & D. Office.

REPRESENTATIVES wanted on a commission basis to start in practically all districts of the British Isles. Trille Shampoo, the super-fatted soap shampoo. Apply by letter only, stating experience and present lines carried, to the Sales Manager, Mr. A. G. Brown, 42 Spenser Road, Bedford, Beds, England.

REPRESENTATIVES with good connexions amongst Chemists, Hair dressers, Co-operative and Departmental Stores required to carry Quota lines in regular demand. Territories open include all North England (not Scotland), Midlands, Wales, and East Coast. Liberal commission offered. State ground covered. 972/334, C. & D. Office.

REPRESENTATIVE, young and with initiative, to call on Chemists, Hairdressers and Stores in Cumberland, Westmorland, West Yorkshire and Lancashire. Good prospects. Salary and Commission. Write 973/351, C. & D. Office.

REPRESENTATIVE required for whole of Northern Ireland to build up small connexion with existing Chemists, Hairdressers and Stores. Excellent prospects. Salary and commission. Write with full details to 973/352, C. & D. Office.

REQUIRED, young Chemist or Pharmacist to train under Chief Chemist to take charge of manufacture of pharmaceutical products and toilet articles. Excellent prospect for energetic young man. Write fully stating age, whether married or single, qualifications, posts held, when free and salary required. 969/230, C. & D. Office.

SHIPPING Clerk required to assist manager, export dept., of old-established London House of manufacturing chemists. Applicant must be accurate at figures and actual shipping experience essential, knowledge of drug trade an advantage. Write, stating age, particulars of experience, salary required, etc. 972/319, C. & D. Office.

SALES Representative with some experience required to call on Chemists, Hairdressers and Stores throughout Wales. Good prospects for keen man. Salary and commission. Write 973/353, C. & D. Office.

SALESMEN with connexions with department stores, drapers and chemists. Sole areas vacant immediately for fast selling line offering exceptional opportunity and prospects. Salary and commission or commission only as desired. Box No. B910, Erwoods, Ltd., 30 Bouverie Street, E.C.4.

TRAVELLERS, with established connexions amongst chemists in the following Counties: Bedford, Cambridge, Derby, Hertford, Huntingdon, Lincoln, Norfolk, Northampton, Suffolk, Channel Islands, required for sale of well-known line of commission basis. Write, giving full particulars, to Dept. C.D., c/o Lessel Hutecheon, Ltd., 24/25 New Bond Street, W.1.

WELL-KNOWN Company manufacturing quota and non-quota lines requires Two Representatives. (1) Scotland, (2) Northern Ireland. The lines carry exceptional good commission terms, and future prospects can be very good for the right men. 972/332, C. & D. Office.

WHOLESALE (OVERSEAS)

CANADA. Unique opportunity for two chemists required by Canadian organisation. One with knowledge of Organic Synthesis, and the other with experience of Plant Extracts, Alkaloids and Glandular Derivatives. Applicants can be interviewed in London. Write in confidence to 971/293, C. & D. Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

AS Unqualified. Few hours daily help given by experienced Locum and general Assistant. Gibson, 31 Stansfeld Road, Stockwell, S.W.9.

DISPENSER, Lady (Apothecaries Hall Certificate), experienced, requires post. Midlands area. 972/325, C. & D. Office.

LADY (Hall) Secretary-Dispenser free for responsible post. 15 years' experience. Good references. Richards, Kildine, Buregate Road, Felixstowe.

PHARMACIST requires situation Oxfordshire. Experienced wholesale and retail. Recently demobbed. Partnership considered or ultimate purchase. 969/204, C. & D. Office.

UNQUALIFIED man seeks situation, dispensing and manufacturing experience. Woodford district or near. 973/347, C. & D. Office.

YOUNG Counter Hand (16) requires position in West London area. Six months' experience. Mary Bailey, 12 Chepstow Road, W.2.

LOCUMS SEEKING ENGAGEMENTS

UNQUALIFIED experienced Dispensing and Counter available for Locums until June 8 and July 1 until September. Medway towns and London. Please state salary. 973/344, C. & D. Office.

WHOLESALE

ADVERTISER, keen salesman, energetic, desires to represent house of standing for South, South-west territory. Fifteen years' experience calling upon chemists, hairdressers, stores. Salary, commission basis, etc. 973/357, C. & D. Office.

BUYER, Manageress and Sales in all beauty and toilet and fancy goods seeks position, Southern England. 972/310, C. & D. Office.

DEMOBILISED Naval Officer (Inter B.Sc. Degree. Would be willing to undertake analyses or similar work either at clients premises, or in private, well-equipped laboratory which he has access. Commence early 973/340, C. & D. Office.

EX-SERVICE MAN, age 36, seeks position Representative for chemists' sundries salers. 15 years' experience retail pharmacy 973/341, C. & D. Office.

REPRESENTATIVE (Beecham Trust), 15 years' experience, seeks position with house of First-class connexions with chemists and Oxon, Berks, Beds, Herts, Bucks, Essex, Mid and Cambridge. Salary, commission and expenses 8 Bowers Parade, Harpenden, Herts.

REPRESENTATIVE requires position with of repute (C.F.). Excellent connexion chem stores, co-ops, etc. N.E. coastal area, South Skagness. Cosmetics and repeat lines required. Salary, commission and expenses. Full details 973/263, C. & D. Office.

REPRESENTATIVE offers to house of strong connexion wholesale and retail chem Co-ops, south of England. Salary, commission and expenses. 973/363, C. & D. Office.

REPRESENTATIVE, young, conscientious, live connexions among high-class chem Surrey, Sussex, Kent, Hants and Berks, additional known line, or would consider representation for house of repute. Five years' experience. Excellent references; own car. 972/341, C. & D. Office.

SALES MANAGER (Home and Export), with wide experience modern control, desires of Methods include accurate planning based on cost market investigation and budgetary controlling. Specialised 15 years with international known manufacturers selling to chemists, medical and nursing professions, hospitals and departments. 971/282, C. & D. Office.

SALES Manager (M.S.M.A.) with sound previous experience sales management and general business organisation desires change; would consider investment or partnership. Inquiries in 973/346, C. & D. Office.

TRAVELLER, large established connexion chemists and stores in Kent and Surrey, v to contact firm. Willing to show ability by working for commission and expenses with the right 972/315, C. & D. Office.

WELL-KNOWN Representative covering cashire with first-class chemists and connexion desires change and seeks position reputable house. 20 years' experience in pharmaceutical world. 973/339, C. & D. Office.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

CO. DURHAM. Drug Store or Pharmacy with Accommodation optional. Details to 972/348, C. & D. Office.

HILLIER, PARKER, MAY & ROWE Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and aggressive single-shop Businesses occupying pre trading positions in London and Provinces. Group Concern would be seriously considered Others contemplating sale or their solicitors invited to write for further information to Hillier, Parker, May & Rowden, 77 Grosvenor Street, W.1.

PHARMACIST wishes to purchase good business, with or without optics, in pleasant, coast, market or country town. Good living accommodation. Turnover £3,000-£4,000 and accounts. Advertiser would appreciate communication from any pharmacist contemplating retirement Replies treated with strictest confidence. 972/348, C. & D. Office.

APPOINTMENTS

ASSISTANT PHARMACIST

BEYS PARK, CHERTSEY, SURREY.
Applications are invited from qualified women to fill the vacant position at Colony for mental defectives. Salary £320 per annum, rising by four increments of £15 and a fifth increment of £10 to a maximum of £400 per annum. Applications to Physician Superintendent, Bays Park, Chertsey, Surrey.

LONDON INSURANCE COMMITTEE.
Applications are invited from registered pharmacists for the position of Head of the Section Pricing Department in the Committee's service. Administrative experience essential. Commencing salary £590 per annum, to £640 per annum. Applications, giving particulars of education, experience, professional and other qualifications, should be sent before May 31, 1946, to the Clerk of the London Insurance Committee, Insurance Street, London, W.C.2.

NOTTINGHAM CITY HOSPITAL

LOM TENENS ASSISTANT PHARMACIST.
A Lom Tenens Assistant Pharmacist required for 12 months—July, August and September. Salary £8 8s. per week. Applications, stating qualifications and experience to be made to the Chief Pharmacist.

PHARMACIST (Holiday Relief) wanted at the Essex County Council Hospital, Black Notley, near Braintree, and Broomfield, near Chelmsford, for the period July 15 to 27, and another week to be arranged (at Broomfield), on July 29 to August 13 (at Black Notley). Inclusive salary at the rate of 8 gns. a week. Applications, together with copies of not more than three recent testimonials, should be sent to the Clerk of the County Council, County Hall, Chelmsford, as soon as possible.

CRIPTON STATE INSTITUTION

MENTAL DEFECTIVES, NR. RETFORD, NOTTS.
PHARMACIST (Woman) Single. Commencing salary (age over 21) £223 x £20 to £323 per annum, with free quarters. Salary to be paid in advance and charged for at cost price—present 14s. weekly. Applicants who should be members of the Pharmaceutical Society will be required to carry out duties of Dispenser. Subject to certain conditions, this post is available under the Civil Service Superannuation Acts. Applications, stating age, experience and references, etc., should be sent to the Medical Superintendent.

SURREY COUNTY COUNCIL

HEAD PHARMACIST at KINGSTON COUNTY HOSPITAL, Wolverton Avenue, Kingston-on-Thames. (Perm. Appt.) Must possess M.P.S. qualification. Comm. salary on grade £20-£600 p.a. inclusive. Applications to County Medical Officer, County Hall, Kingston-on-Thames.
PHARMACISTS at BOTLEYS PARK HOSPITAL, Chertsey. **KINGSTON COUNTY HOSPITAL,** Wolverton Avenue, Kingston-on-Thames. **ST. LUKE'S HOSPITAL,** Guildford. Must possess M.P.S. or Ph.C. qualification. Comm. salary on grade £320 x £15-£400 p.a. inclusive. Apply to Medical Supt. of appropriate hospital.

BUSINESS OPPORTUNITIES

12/6 for 36 words or less, 2d. for every additional word.

CHEMICAL Plant. Capacity available for all types of chemical plant. Prompt attention to enquiries. 971/278, C. & D. Office.

DISTRIBUTIVE firm having established connections with doctors sought, for a highly approved product which efficaciously treats all rheumatic diseases. The product is manufactured by a well-established firm, desirous of extending distribution. Replies to be addressed to International Fiduciary Deputies Corporation Limited, 16 Manchester Square, W.1.

FIRM of Tablet Manufacturers are now able to undertake the manufacture of Saccharin and Aspirin Tablets from customers' own material. Excipients supplied. Prompt delivery. 970/261, C. & D. Office.

MANUFACTURING Chemist, Ph.D., F.R.I.C., with wide experience in the large scale production of fine chemicals and medicinals, wishes to acquire partnership or control in wholesale druggist, or small manufacturing business. 973/349, C. & D. Office.

SACCHARIN counting is a tedious job. Why not let us count them for you? Write for details of this service to Smith & Hill (Chemists), Ltd., Nether Edge, Sheffield, 7.

WELL-EQUIPPED Factory, Home Counties, offers packing facilities for liquids, powders, pastes and creams. All inquiries, which will be treated in confidence, should be addressed to Chemo-Plastics, Ltd., 59/60 Old Bailey, London, E.C.4. Tel. City 1058/9.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

AUTOMATIC Cream Filler wanted at once: big price paid. Shavex Co., Bavaria Road, Holway, N.19.

EDIBLE Sheet and Powdered Gelatin required in large quantities. 965/970, C. & D. Office.

MALT Extract and Glycerin B.P. wanted per ton. 971/299, C. & D. Office.

MICROSCOPES. We do not pay high prices for old junk, but for fine modern apparatus our prices are the best in the trade. If you want a dependable overhauled microscope, consult us. One criticism in ten years, and that speedily rectified—that is our record. Wallace Heaton, Ltd. (Mayfair 7511, ask for Mr. Cole), 127 New Bond Street, London, W.1.

POLARIMETER required. Must be in good condition. Details of make and price to Chief Chemist, Bob Martin, Ltd., Southport, Lancs.

SEEDS drawers wanted, any quantity. Sowerbotts, Ltd., Ashton-u-Lyne.

STEARIC Acid Tripe-pressed required in large quantities. 965/969, C. & D. Office.

SWEETENING Tablets or Saccharin Tablets. Bulk or packed. Cash waiting. Any quantity. 968/194, C. & D. Office.

WANTED regular supplies in quarter to half million lots moisture-proof cellophane gusseted bags, size 6½ in. by 2½ in. Reply 973/348, C. & D. Office.

WANTED. .550 Saccharin Powder. Any quantity taken. Good price offered. 972/328, C. & D. Office.

WANTED. .550 Saccharin Powder. Any quantity taken. Good price offered. 972/328, C. & D. Office.

8 OZ. Plain Medicals. 8-oz. ribbed Ovals, 2 2½-oz. Panels; divisioned Cartons to hold any of these. Samples and prices to S. Tatlow & Co., Ltd., Eckington, Sheffield.

26 OZ. and 13-oz. Wine or Champagne Bottles required. 625/524, C. & D. Office.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

A FIRM of selling agents and distributors covering retail and wholesale Chemists, Hairdressers, Co-ops, Departmental Stores, with a large staff of experienced salesmen all fully covered with Fidelity Bonds are open to consider one or two additional agencies. Only firms paying high commissions, with large quotas and full delivery considered. 968/174, C. & D. Office.

A GENTS wanted to sell attractive brass lipstick containers; push-up type, on commission basis. Apply 973/354, C. & D. Office.

A GENTS needed for sale of plastic commodities and material to the wholesale. Apply 972/330, C. & D. Office.

A NGLO-SCOTTISH Factors. The leading agents for Northumberland, Durham and N.E. England. Manufacturers of reputable products are invited to send details of available lines. Over 500 sound accounts. Offices, Balfour Chambers, Sunderland, Tel. 6195.

B ELGIAN Firm of good repute and financial standing desires Agency for Belgium for any well-known British pharmaceutical products, rubber articles or cosmetics. Full particulars and references supplied on demand. Please make offers to 972/322, C. & D. Office.

F IRM of Agents require agency for cosmetics, Full representation guaranteed. 968/176 C. & D. Office.

M ANUFACTURING Chemists, Own Sales Organisation, prepared to handle other lines that do not clash. All areas covered. Apply 973/356, C. & D. Office.

R ETAIL Agents wanted in all parts of England for plastic material, plastic bathing caps, bath hats, toilet bags, barbers' capes, etc. Good support with delivery. Apply 972/309, C. & D. Office.

S OLE Agency required by enterprising firm well established in United Kingdom and several good export contacts. Must be good-class line. Please state terms in first letter to 972/314, C. & D. Office.

W HOLESALERS with good Trade connexions amongst Chemists, Stores, etc., are invited to contact Advertisers who can offer Quota lines on really advantageous terms. Apply 972/335, C. & D. Office.

W HOLESAL Distributors and Wholesalers with extensive connexions amongst Chemists, Co-operative and Departmental Stores, employing large specialised Sales Force are open to accept suitable lines for purchase and Distribution. Any suitable lines entertained. Bankers and Trade References exchanged. 972/336, C. & D. Office.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

B AKER STREET (near), London, W.1. High-class retail Chemists' Shop. Business established 50 years. Takings over £60 per week. Good quotas. Under management. Lock-up shop and basement, lease. Price £3,000, including stock and fittings. 964/946, C. & D. Office.

F OR SALE. Lock-up Drug-Store. Main Road, Northern Town. Suit Chemist. 971/289, C. & D. Office.

L OONDON, S.E.18. Old-established Chemists' business on corner for sale, with vacant house attached. Turnover £3,300 plus N.H.I. £370. Anditted figures. Rent £100. Price £2,500. 972/396, C. & D. Office.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words

A DVERTISER has quantity of 2 dram per bottles with bakelite caps, price with stock on application to Carbott. Ltd., 201 Long S.E.1.

A DVERTISER has limited quantity of 2 1/2 oz. Tablet Bottles, samples and price on request to Carbott. Ltd., 201/5 Long Lane, Bermondsey, S.E.1.

F OR SALE. Seven gross nickel finish pen Tweezers. Size 3 1/2 ins. Sheffield made. gross or £25 for lot. Tax paid. J. Mawson, 29 G Street, Oldham.

F OR SALE, 2-3 ton White Petroleum Jelly Guaranteed. Apply V.C., 41 Bradford Slough Trading Estate.

S OME secondhand show cases and fittings suitable for chemist's shop or laboratory. Very reasonably priced. Write or telephone Chippen Workshops, Ltd., 12/18 Hoxton Street, N.1. C. enwell 1686.

S URPLUS Stock of 90 lbs. Oil of Citronella for Ceylon for sale at 21s. 6d. per lb. 972/ C. & D. Office.

1 1/2 -oz. Amber Glass Jars, with enamelled screw caps. 60 gross for disposal. Offer William Pearson, Ltd., Clough Road, Hull. See available on application.

1 1/2 and 2 drachm rectangular perfume bottles with bakelite cap. 25 gross of each available. H. S. Bottle Co., Ltd., 15a Whitecomb Street, Mall East, London, W.C.2.

EXPORT TRADE

M ANUFACTURERS' Representative, own machinery, concentrating on chemists and lines, require additional Agencies for Southern Rhodesia and Nyasaland. Partner in England now. Reply Doudney & Co., Westminster Bank, Pavilion, Brighton.

SALE BY AUCTION

IMPORTANT SALE OF USEFUL SUNDRIES By order of the Joint Liquidators, V. L. B. Esq., and Parkin S. Booth, Esq. Re To Traders Supplies (Barlow), Ltd.—In Liquidation

SALE ROOMS: 2/5 LITTLE BRITAIN (close to G.P.O.) E.C.1.

STOCK OF TOILET TRADE SUPPLIES & DRUGGISTS SUNDRIES—partly salvage including Beach Bags, Toilet Holdalls, Swimming Hats, Rubber Cot Sheets, Compacts, Linnet Holders, Sheepskin soles, Powder Puffs, Shampoos, Shaving Creams, Floor and Tile Polish, Shoe Creams, Lung Syrups, Yeast-pac Beans, Preparation, Insecticides, Disinfectants, Plastic Capses, very large selection of sundries.

CHEMIST'S DRUG RUN—SHOWCASES & fittings.

OFFICE FURNITURE and other items.

B. NORMAN & SON will sell by Auction at the Sale Rooms as above Wednesday, June 5, 12.30 p.m. View Monday and Tuesday, June 4 and 4 (10-4) and Morning of Sale. Catalogues Messrs. V. Woolfgang Bell & Co., Accountant, 6 Broad Street Place, E.C.2, of Parkin S. Booth Esq., 14-17 Holborn Viaduct, E.C.1, and of the Auctioneers, 2-5 Little Britain, E.C.1. (Tel. Mon. 5591.)

demobilisation

of service personnel who have served in malarial areas proceeds steadily and includes those who have contracted the disease.

This contingency has created a demand for 'Quinacrine' Brand Mepacrine Hydrochloride and 'Praequine' Brand Pamaquin in all parts of the country.

Orders for these products can be despatched by return of post as production is at a satisfactory level and there are

adequate supplies

QUINACRINE'

Brand Mepacrine Hydrochloride—

tablets

		Retail Price without tax.	Purchase Tax
Containers of	15 x 0.10 gramme	... Js. 6d.	2d.
	100 x 0.10 gramme	... 6s. 0d.	8d.
	500 x 0.10 gramme	... 24s. 0d.	2s. 8d.

PRAEQUINE'

Brand Pamaquin—

tablets

		Retail Price without tax.	Purchase Tax.
Containers of	15 x 0.023 gramme (equivalent to 0.01 gramme base)	... 1s. 3d.	2d.
	500 x 0.023 gramme (equivalent to 0.01 gramme base)	... 25s. 0d.	2s. 9½d.
	15 x 0.046 gramme (equivalent to 0.02 gramme base)	... 2s. 0d.	3d.
	500 x 0.046 gramme (equivalent to 0.02 gramme base)	... 45s. 0d.	5s. 0d.



manufactured by

MAY & BAKER LTD.

distributors

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD., DAGENHAM



Resuming Normal Supplies

Although all demands for FELSOL cannot yet be met as quickly as we should like, we are pleased to announce that production is now steadily increasing week by week. Supplies therefore are not so limited as previously and the delays in deliveries caused through war-time hindrances are gradually being overcome.

With the efforts now being made to resume normal supplies, it is hoped that, in the near future, all orders for the standard size will be executed without delay. For the time being the large size must still be reserved for physicians' private prescriptions, hospital and N.H.I. dispensing purposes.

In thanking pharmacists for their patience and co-operation, we again apologise for inconveniences caused by circumstances beyond our control.

PATA

BRITISH FELSOL COMPANY LTD

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